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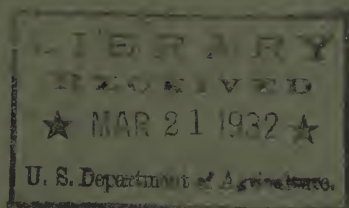
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SEEDS

For the

Nurseryman and Forester 1932



	Page
Conifers: New and Rare Evergreens.....	1
Conifers: The most important Evergreens for Forestry and Ornamental Planting.....	2
Deciduous Shade and Forest Trees.....	4
Azalea and Rhododendron Seeds.....	5
Rhododendron Hybrids.....	11
Other Ericaceous Seeds.....	12
Seeds of Shrubs and Broadleaved Evergreens.....	13
Seeds of Perennial Flowering Plants.....	24
Seeds of Aquatic Plants.....	29
Garden Tools—Cutlery.....	30

F. W. SCHUMACHER, Horticulturist

Jamaica Plain, Boston, Mass.

CONDITIONS OF SALE

Use our new seed list for your orders throughout the year 1932

Seed items requiring stratification are properly stratified in Peat-Moss and all perishable seeds kept under proper conditions in order to insure perfect germination after planting.

While many rare seeds can be supplied in small quantities only, it is not always possible to indicate prices for large and small quantities alike. Those wishing to order smaller quantities than indicated may order them and we shall advise if they can be supplied.

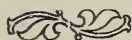
Deliveries are subject to yield of crop and safe arrival of our consignments.

All seeds and plants are sold without warranty, expressed or implied as to description and productiveness. All seeds should be carefully inspected upon arrival and any claims for conditions made at once. We cannot consider claims after seeds have been stored or planted.

All shipments travel at buyer's risk and claims for damage in transit must be taken up with the transportation companies.

Remittances made should include a fair amount for packing and postage, if shipment by mail is requested. Bags are being charged at cost price.

Our terms are: 5% cash with orders; for customers of approved credit, ten days 2%, 30 days net.



SEEDS WANTED

Professional and amateur gardeners having access to seeds of all descriptions are requested to offer these to us.

F. W. SCHUMACHER

761 Centre Street

P. O. Box 131

JAMAICA PLAIN, BOSTON, MASS., U. S. A.

Telephone JAMAica 1571

Cable Address—Tree-seeds Boston

CONIFERS: New and Rare Evergreens.			
	oz.	¼ lb.	lb.
<i>Abies pinsapo glauca</i> , a fine form of <i>pinsapo</i> with glaucous foliage	\$.35	\$1.00	\$3.00
<i>Chamaecyparis lawsoniana</i> , no evergreen plant is so variable as <i>Chamaecyparis lawsoniana</i> . There are about 50 forms of this in European nurseries. Seed planted of the following forms will produce a great variety of types.			
<i>lawsoniana argentea</i> , with silvery foliage.....	.50	1.20	3.50
<i>lawsoniana aurea</i> , with golden tipped foliage.....	.50	1.20	3.50
<i>lawsoniana pyramidalis</i>.....	.45	1.10	3.20
<i>Juniperus chinensis pyramidalis</i> , clean seed. Chinese Column			
<i>Juniper</i> of extremely narrow shape, resembling the Italian Cypress. A plant of great merit, reliably hardy in the North.....	.60	1.60	4.75
<i>Juniperus chinensis sargentii</i> , clean seed. The well known			
creeping Japanese Alpine <i>Juniper</i>.....	.75	1.50	6.00
<i>Juniperus communis depressa</i> , New England Seed.....	.30	.85	1.50
<i>Juniperus communis pyramidalis</i> , pyramidal form of common			
<i>Juniper</i> , clean seed.....	.25	.60	1.80
<i>Juniperus japonica (procumbens)</i> one of the best procumbent			
<i>Junipers</i> of the Orient, of perfect hardiness.....	.50	1.20	3.50
<i>Juniperus sabina</i> var. <i>tamariscifolia</i> , Spanish <i>Juniper</i>.....	.35	1.00	3.00
<i>Juniperus scopulorum</i> , hardy strain from the Black Hills.....	.25	.60	1.75
<i>Juniperus scopulorum</i> , collected from "Silver" Trees in			
Montana.....	.30	.70	2.10
<i>Juniperus scopulorum</i> , spreading form, our collector names it			
"Creeping Silver Cedar", hardy seed from the interior			
Northwest.....	.75	2.00	6.00
<i>Juniperus virginiana argentea</i> , Silver Red Cedar.....	.35	.85	2.50
<i>Picea breweriana</i> , ask for prices.			
<i>Picea excelsa borealis</i> , Polar Spruce, a subarctic form of the			
Norway Spruce, hardier and of vigorous growth.....	.35	1.00	4.00
<i>Picea obovata</i> , (<i>Picea excelsa obovata</i>). Siberian Spruce. This			
Spruce replaces <i>Picea excelsa</i> in the colder climates of			
Northern Europe and Asia, a smaller and more graceful			
tree.....	.60	1.50	4.50
<i>Picea omorika</i> , from ample supply			
available..... 1/16 oz. .35 ¼ oz. 1.00 4.00			
Ask for prices for larger quantities.			
<i>Pinus bungeana</i> , Lace Bark Pine, a holy tree of the Chinese			
planted in temple grounds, thru exfoliating bark becomes			
chalky white on old trees.....	.35	.90	2.75
<i>Pinus cembra sibirica</i> , more rapid growing form of <i>Pinus cembra</i>			
and somewhat hardier.....	.25	.50	1.50
<i>Pinus densiflora globosa</i> , dwarf globose form of Japanese Red			
Pine, with short needles.....	1.00	3.00	..
<i>Pinus densiflora umbraculifera</i> , Tanyosho Pine, form with			
spreading branches of compact umbrella-like habit, a			
highly ornamental and picturesque conifer.....	1.00	2.85	8.00
<i>Pinus excelsa</i> , a beautiful, tall pine similar to American White			
Pine of bushy growth in its early stages.....	.30	.95	2.75
<i>Pinus koraiensis</i> , Korean Pine, a handsome five needle pine			
hardy, slow growing and of dense habit.....	..	.25	.75
<i>Pinus nigra caramanica (Pallasiana)</i> Crimean Pine. This form			
of the Austrian Pine has a broad pyramidal head, and dark			
green lustrous leaves. On account of its beauty it is often			
named the "Queen of the Pines.".....	..	.90	2.75
<i>Pinus tanyosho</i> . Japanese Table Pine, similar in habit to the			
Mugho Pine, a rare pine for rock garden planting. For			
best effect, like on Mugho Pine, new growth on leading			
branches should be pinched back as to encourage spreading.			
Fine specimens of this may be seen at the Arnold Arbore-			
tum. Seed is listed under <i>Pinus densiflora umbraculifera</i> .			
<i>Taxus cuspidata hybrida (cuspidata x canadensis)</i> seed will			
produce a variety of forms..... 50¼ oz. 1.50 oz.			
<i>Taxus baccata adpressa</i> , short leaf English Yew, often listed			
as <i>Taxus brevifolia</i>.....	.40	1.15	3.45

	oz.	¼ lb.	lb.
<i>Taxus baccata fastigiata</i> , (hibernica) Irish Yew.....	.45	1.25	3.75
<i>Thuja plicata fastigiata</i> , a columnar form of the Giant Arborvitae.....	pkt. .75 ¼ oz.	1.50	

CONIFERS: The most important Evergreens for Forestry and Ornamental Planting.

For quantities of more than five pounds our ten or hundred pound price will apply respectively. Ounce quantities will be supplied as far as possible at a reasonable price.

ABIES arizonica, crop failed, as good substitute we recommend the very similar <i>Abies lasiocarpa</i> . To all interested in <i>Abies arizonica</i> , we advise that this seed naturally is of very poor condition, germinating not more than fifteen to twenty-five per cent. Ask for our prices of 1932 crop and put in your order early.			
balsamea.....		\$1.15	\$3.50
concolor, seed from Colorado.....		.50	1.50
fraseri.....		1.65	5.00
grandis.....		1.00	3.00
lasiocarpa.....	..	1.00	3.00
magnifica.....	..	1.00	3.00
nordmanniana.....	..	.85	2.50
pectinata.....	..	.40	1.10
pinsapo.....	..	.85	2.50
sibirica.....	..	1.50	4.50
CEDRUS atlantica.....	..	.90	2.75
deodara.....	..	.90	2.75
libani.....	..	1.00	3.00
CHAMAECYPARIS lawsoniana.....	..	.85	2.50
nootkaensis, upon request.....	..		
obtusa.....	..	.40	1.25
pisifera.....	..	.40	1.25
CRYPTOMERIA japonica.....	..	.35	1.00
CUPRESSUS arizonica.....	..	.75	2.25
benthami.....	..	1.10	3.50
benthami knightiana (elegans).....	..	1.35	4.00
benthami lindleyi.....	..	1.35	4.00
funbris.....	..	1.00	3.00
goeniana.....	..	1.00	3.00
lusitanica (glauca).....	..	.85	2.50
macrocarpa.....	..	.85	2.50
sempervirens pyramidalis.....	..	.35	1.10
sempervirens horizontalis.....	..	.35	1.10
torulosa.....	..	.85	2.50
torulosa gracilis.....	..	1.35	4.00
torulosa majestica.....	..	1.00	3.00
GINKGO biloba, a limited supply of New England collected seed on hand.....	..	.45	1.25
JUNIPERUS chinensis, clean seed.....	..	.75	2.25
chinensis sargentii, clean seed.....	..	1.85	5.50
communis, clean seed.....	..	.50	1.50
communis depressa.....	..	.50	1.50
excelsa.....	..	.65	1.90
japonica, clean seed.....	..	.00	3.00
procumbens, clean seed.....	..	1.85	3.50
sabina, clean seed.....	..	1.35	4.00
scopulorum, hardy seed from interior Northwest.....	..	.50	1.50
virginiana, Platte River.....	..	.35	1.00
LARIX			
europaea			
Seed from the Alps.....	..	.50	1.50
Seed from the Giant Mountains, this is a rugged mountain strain. (<i>Larix sudetica</i> or <i>polonica</i>).....	..	1.00	3.00
Large grained strain from western high Alps (6000 feet) a preferable race for adverse conditions. It grows fast and ripens its yearly growths quickly. The preferable larch for localities with short seasons.	..	.95	2.80

LARIX—Continued	oz.	¼ lb.	lb.
koraiensis.....	1.30	4.20	
leptolepis.....	.95	2.80	
occidentalis.....	1.65	5.00	
sibirica.....	.85	2.50	
LIBOCEDRUS decurrens.....	.70	2.00	
PICEA canadensis (alba).....	.75	2.25	
canadensis albertiana, Black Hills Spruce.....	1.40	4.25	
engelmanni.....	1.30	3.80	
excelsa, seed from North Central Europe, 80-85% germinating.....	.45	1.25	
seed from Scandinavia.....	.85	2.50	
glehnii.....	1.65	5.00	
mariana, New England.....	2.85	8.50	
omorika, we offer at reasonable figure, seed collected from cultivated plants. Ask for prices.....			
pungens.....	1.15	3.50	
pungens glauca, handpicked from blue trees.....	2.65	8.00	
rubra, Red Spruce, has proved most valuable for forestry work in the Northeast. It becomes more widely planted every year.....	1.50	4.50	
sitchensis.....	1.55	4.60	
PINUS apachea.....	1.60	4.85	
aristata.....	.75	2.25	
arizonica.....	2.35	7.00	
banksiana.....	1.15	3.50	
canariensis.....	.50	1.50	
cembra, high grade seed from the European Alps.....	.35	1.00	
contorta, from Washington.....	2.10	6.30	
densiflora.....	.45	1.25	
excelsa.....	.95	2.75	
flexilis.....	.85	2.50	
jeffreyi.....	1.00	3.00	
koraiensis.....	.25	.75	
lambertiana.....	.60	1.80	
montana (uncinata).....	.85	2.50	
montana mughus.....	.85	2.50	
montana mughus, selected dwarf strain from Giant Mountains.....	1.10	3.25	
montana pumilio.....	.85	2.50	
monticola.....	1.60	4.75	
murrayana, Colorado.....	1.70	5.00	
nigra (austriaca) 80-85% germinating.....	.60	1.71	
nigra poiretiana (laricio corsica) from Corsica, near sea level.....	1.05	3.55	
from Corsica, 4000-5000 feet elevation.....	1.70	5.00	
from Calabria (laricio calabarica).....	1.40	4.25	
parviflora (pentaphylla).....	.95	2.75	
peuce.....	1.15	3.50	
pinaster (maritima) seed from coast level.....	.30	.85	
seed from Corsica 4000-5000 ft. elevation.....	.70	2.00	
ponderosa, Colorado.....	.60	1.75	
pumila.....	.95	2.75	
radiata (insignis).....	1.10	3.30	
strobis, North Eastern seed.....	.70	2.10	
sylvestris.....			

Plantings of Scotch Pine have proved a success under most varying conditions, whenever seed of a good strain had been used. There is no race of this Pine that will do equally well under all conditions, and planters, therefore, should know what seed they plant. In mountainous sections and on stony soil seed of a mountain race, in flat country and on light sandy soil, a strain from a congenial source should be chosen. We recommend the following:

Pinus sylvestris, from the sandy plains of North-eastern Germany. This strain grows in the heart of the Scotch Pine Belt in Northern Europe in govern-

PINUS—Continued

	oz.	¼ lb.	lb.
ment or governmentally controlled private forests in deep sandy soil, producing an excellent grade of tall, straight, timber trees. It is hardier than strains from Scotland, France or South Central Europe and grows faster than those from Finland or Scandinavia. Latitude 53 North—Longitude 15 East. Seed is cleaned and recleaned quality of 80-90% germination.....	10 lbs.	37.50	..
<i>Pinus sylvestris</i> , from Sweden or Finland for mountainous sections in the North. Latitude 62 North—Longitude 10—24 East.....	..	1.35	4.00
<i>Pinus sylvestris</i> , from Scotland, genuine Scotch Highland seed. This strain grows faster than others, but is apparently not hardy enough for conditions in the North. It is a valuable race for the milder climatic conditions South of New York. Latitude 57 North, Longitude 3 East.....	..	1.65	5.00
<i>tabulaeformis</i>.....	..	1.65	5.00
<i>thunbergi</i>.....	..	.50	1.50
<i>PSEUDOTSUGA douglasi caesia</i> , from B. C.....	..	.45	1.25
<i>douglasi glauca</i> , from Colorado.....	..	..	5.25
<i>douglasi</i> , green Pacific Coast.....	..	1.30	4.80
<i>SCIADOPITYS verticillata</i>.....	..	..	5.80
<i>SEQUOIA gigantea</i>.....	..	.95	2.75
<i>sempervirens</i>.....	..	3.50	10.00
<i>TAXODIUM distichum</i>.....	..	.85	2.50
<i>TAXUS baccata</i>.....	..	.40	1.20
<i>cuspidata</i>.....	..	.70	2.10
<i>THUJA occidentalis</i>.....	..	.45	1.25
<i>occidentalis wareana</i>.....	..	1.00	3.00
<i>orientalis</i> , domestic seed.....	..	2.10	6.30
<i>orientalis</i> , imported.....	..	..	1.75
<i>orientalis aurea</i>.....	..	.35	1.00
<i>orientalis compacta</i>.....	..	.85	2.50
<i>orientalis pyramidalis</i>.....	..	.75	2.25
<i>THUJOPSIS dolobrata</i>.....	..	.80	2.40
<i>TORREYA nucifera</i>.....	..	.85	2.50
<i>TSUGA canadensis</i> , New England seed.....	..	.35	1.00
<i>caroliniana</i> , here collected from cultivated trees.....	oz. 1.05	3.10	9.50
<i>diversifolia</i>	1.80	5.40	..
<i>mertensiana</i>.....	.50	1.50	4.50
<i>sieboldi</i>	1.20	3.50	10.50
	.50	1.50	4.50

DECIDUOUS SHADE AND FOREST TREES

<i>ACER campestre</i>.....	..	.25	.75
<i>platanoides</i>.....	..	.25	.75
<i>pseudoplatanus</i>.....	..	.25	.75
<i>saccharum</i>.....	..	.30	.90
<i>AESCULUS hippocastanum</i> , seed is properly stored and available fresh for spring planting.....	..	.15	.40
<i>AILANTHUS glandulosa</i>.....	..	.25	.75
<i>BETULA alba</i>.....	..	.25	.75
<i>populifolia</i>.....	..	.40	1.20
<i>CATALPA speciosa</i>.....	..	.30	.80
<i>CORYLUS colurna</i> , a fine hardy shade tree attaining large dimensions.....	..	.35	1.00
<i>FAGUS sylvatica</i>.....	..	.30	.90
<i>sylvatica purpurea</i>.....	..	.35	2.50
<i>FRAXINUS americana</i>.....	..	.35	1.00
<i>excelsior</i>.....	..	.30	.90
<i>ornus</i>.....	..	.30	.95
<i>GLIEDITSCHIA triacanthos</i>.....	..	.30	.80
<i>triacanthos inermis</i>.....	..	.50	1.40
<i>LIRIODENDRON tulipifera</i>.....	..	.35	1.00
<i>MORUS alba tatarica</i>.....	..	.65	2.00

	oz.	¼ lb.	lb.
PLATANUS occidentalis.....	..	.25	.75
orientalis.....	..	.30	.80
PRUNUS avium.....	..	.30	.80
avium, from wild trees.....	..	.40	1.10
QUERCUS alba, order in September			
coccinea, New England seed properly stored for spring planting.....	10 lbs. 2.00, 100 lbs. 15.00		
palustris, New England seed, properly stored for spring planting.....	10 lbs. 2.30, 100 lbs. 15.00		
rubra, New England seed, properly stored for spring planting.....	10 lbs. 1.80, 100 lbs. 12.00		
ROBINIA pseudoacacia.....	..	.20	.50
viscosa, with pink flowers.....	..	.70	2.10
SOPHORA japonica.....	..	.35	1.00
SORBUS americana, berries.....	..	.35	1.00
aria.....	..	.40	1.25
aucuparia, berries.....	..	.20	.60
scandica (intermedia), very hardy and highly ornamental with lobed greyish white leaves, clean seed.....	oz. .45	1.35	..
TILIA americana.....	..	.35	1.00
cordata (parvifolia).....	..	.35	1.00
platyphyllos (grandifolia).....	..	.40	1.10
tomentosa.....	..	.35	1.00
ULMUS americana, New England seed, our seed will be ready about two months later than seed from Southern sources.....	..	.40	1.25
campestris, we collect this ourselves in crop years.....	..	.50	1.50
pumila, from Manchuria ready in July.....	..	.85	2.50

AZALEA AND RHODODENDRON SEEDS

AZALEA

	pkt.	1/16 oz.	¼ oz.	oz.	¼ lb.
All seed is properly cleaned.					
albiflora.....	.80	..	..	..	..
albrechtii.....	1.10	..	..	..	..
arborescens.....	..	.50	1.50	4.00	..
atlantica.....	..	.65	2.00	..	..
calendulacea, seed from wild plants	..	..	.50	1.25	..
calendulacea, from plants in cultivation.....	..	.40	1.15	3.50	..
dahurica (Rhododendron dahuricum).....	..	.50	1.50	4.50	..
dilatata, similar to Rhombica, with larger leaves.....	..	.65	2.00	6.00	..
gandavensis, Ghent Hybrid Azaleas	..	.50	1.50	4.50	..
hinodigiri.....	..	.80	1.60	4.75	..
indica (large flowered green-house Azalea). Seed gathered from choice collection.....	..	.85	2.50	7.50	..
indica alba and rosea (see Ledifolia)	..	..	..	..	..
indica macrantha.....	..	.40	1.30	4.00	..
indica macrantha Hybrida, a new race, for green-houses and outdoors, comprising a wide range of colors; seed gathered from a large Japanese collection...	.50	1.00	3.00	..	..
japonica.....	..	.35	1.00	3.00	..
kaempferi, American seed.....	..	.70	2.00	..	..
kaempferi, imported seed.....	..	..	.80	2.10	6.50
kaempferi Hybrids					
kaempferi x poukhanensis....	.80	..	..	..	..
kaempferi Hybrids, (Azalea Arendsi, crosses with ledifolia alba noordtiana, macrantha, benigiri, hatsugiri..	1.10	3.00			

AZALEA—Continued	pkt.	1/16 oz.	¼ oz.	oz.	¼lb.
ledifolia, mixed colors.....	..	..	.35	..	1.00 3.00 ..
ledifolia alba noordtiana (japonica alba grandiflora or mucronata)	.60	..	..	..	1.35 4.00 ..
ledifolia purpurea (omurasaki) rose color.....	.65	..	1.50	..	4.50
ledifolia rosea.....	..	..	1.25	..	4.50
macrosepala.....	..	..	.70	..	2.00 6.00 ..
mollis (sinensis) the true species with yellow flowers.....	..	..	.40	..	.85 2.50 ..
mollis, red flowering.....	..	..	.35	..	1.00 3.00 ..
mollis, seed from a choice New England collection.....	..	..	.35	..	1.00 3.00 ..
mollis, seed from choice collections in Northern Europe.....	..	..	.45	..	1.35 4.00 ..
mollis, seed from Japan.....	..	..	..	..	.35 1.00 2.00
mollis hybrida (mollis x japonica) the mollis x sinensis of Euro- pean gardens, a fine strain of more brilliant coloring than mollis.....	..	..	.75	..	2.00
mollis hybrida (mollis x japonica) collected from "Louisa Hun- newell"..... 1000 seeds 1.00	..	..	..	..	.. .. ..
mucronata (See ledifolia)					
mucronulata, seed from Japan (Rhododendron mucronulatum)	..	..	.40	..	1.15 3.50 ..
mucronulata, seed from plants in cultivation.....	.85	..	..	..	.. .. ..
nudiflora.....	..	..	.35	..	.70 2.00 ..
obtusa benigni.....	.50	..	1.35	..	4.25
obtusa kurume, choice American seed.....	.50	..	1.35	..	4.00
obtusa kurume, seed from Japan..	..	..	..	..	1.00 3.00 ..
obtusa kurume, seed from choice Japanese collection of named varieties.....	.60	..	1.60	..	4.75 14.00 ..
occidentalis.....	..	..	.30	..	.50 1.50 ..
omurasaki (see ledifolia purpurea)					
pontica, seed from various forms of pontica.....	..	..	.30	..	.85 2.50 ..
pontica type, we offer the true species, which is hard to ob- tain, collected from hardy specimen plants in Northern Continental Europe.....	..	..	.40	..	1.20 3.00 ..
poukhanensis, American seed. Aza- lea poukhanensis is very vari- able and can, as a grower re- cently wrote us, be as bad as an Azalea can be. While we do not know what plants im- ported seed will produce we are positive that the seed, which we offer as American seed, comes from a garden strain of great beauty and has every chance to produce a progeny of choice plants....	.40	..	.85	..	2.50
poukhanensis, seed from a selected plant, extremely floriferous and of compact habit.....	.60	..	..	..	.. .. ..
poukhanensis, seed from Japan...	..	..	.35	..	1.00 3.00 ..
poukhanensis flore pleno, (Yodo- gawa).....	..	..	.90	..	2.70 8.00 ..
procumbens (Loiseleuria proc.) charming Alpine species.....	1.00	..	2.75	..	.. .. ..

AZALEA—Continued	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.	1/4 lb.
quinquefolia alba.....	..	..	.85	..	2.60	8.00	..
quinquefolia rosea.....	..	..	.85	..	2.60	8.00	..
rhombica, similar to dilatata, but with smaller leaves.....	..	..	.90	..	2.70	8.00	..
rosea, the true species of Northern New England hardiest of all Azaleas.....	.40	..	.85	..	2.50	..	..
schlippenbachi, American seed....	1.10	..	..	..	..	..	..
schlippenbachi, seed from Japan ..	..	..	.40	..	.85	2.50	..
serphyllifolia.....	..	..	1.00	..	3.50	..	..
sinensis (see mollis)							
vaseyi, clean seed.....	..	..	..	..	.45	1.25	4.00
viscosa.....	..	..	.35	..	.85	2.50	..
weyrichi.....	..	..	.50	..	1.50	4.50	..

RHODODENDRON

Seeds are offered by weight and by packet. Full size packets will contain a reasonable quantity of seeds sufficient to start a fair amount of seedlings. We do not stretch packets. Half packets are sold at half price for all items exceeding .90 per packet.

	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.	1/4 lb.
aechmophyllum, near to Yunnan- ense, 3-4 feet, rose.....	..	2.25	..	..	..	..	..
ambiguum, hardy species with yellow flowers, to 5 feet.....	.55	.85	..	2.50	..	..	..
anthopogon, dwarf, with yellow flowers, very aromatic foliage	.60	..	1.20	..	3.60	..	..
arbozeum, from wild plants.....	..	..	.35	..	.70	2.00	..
arbozeum, from cultivated plants..	..	..	.35	..	.70	2.00	..
arbozeum album.....	1.00	..	..	..	..	..	..
areuteum, flowers white and pink, silvery foliage.....	..	..	.35	..	.85	2.50	..
auklandi, shrub to 8 feet with long leaves and white flowers.....	..	1.00	..	3.00	..	..	..
augustini, very beautiful and flori- ferous, twiggy shrub to 8 feet, flowers pale lilac to pure blue.	..	1.00	..	3.00	..	..	..
barbatum, to 20 feet, one of the finest species, flowers brilliant crimson.....	..	..	1.20	..	3.60	..	..
brachycarpum, very hardy Japan- ese and Corean species, flowers creamy white, shaded pink, in June, to 12 feet.....	..	..	.50	..	1.00	2.25	..
Seed from cultivated plants ..	.45	.85	..	..	..	..	..
brachycarpum roseum, with pink flowers.....	..	..	.60	..	1.50	3.50	..
brevistylum, tall shrub, early flow- ering, rose to deep pink, sup- posedly hardy, seen in its habitat covered with blossom and snow at same time.....	1.10	..	..	..	.50	1.50	4.50
californicum.....	1.00	..	..	..	..	..	..
californicum album.....	1.00	..	..	..	..	..	..
callimorphum, densely branched shrub to 5 feet, rose bell shaped flowers.....	1.10	..	..	..	..	..	..
calophytum, considered to be the finest of all Chinese Rhodo- dendron, strong growing shrub to 15 feet, fairly hardy, flowers white with crimson blotch.....	1.00	..	..	..	..	..	..

RHODODENDRON—Continued

	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.	1/4 lb.
camelliaeflorum, rare species to 6 feet, camellia shaped flowers, white tinged with rose.....	.60	..	1.20	..	3.60	..	..
campanulatum, shrub with handsome foliage, flowers variable white to pale lavender or lilac pink, seed from wild plants...	..	..	1.20	..	3.60	..	..
Seed from cultivated plants..	1.10	..	..	..	..	..	..
campylocarpum, to 6 feet considered the most satisfactory yellow flowered species in cultivation.....	..	..	1.50	..	4.50	..	..
catawbiense.....	..	..	..	..	.35	1.00	3.75
catawbiense compactum.....	..	..	..	..	.35	1.00	3.75
caucasicum, low shrub to 2 feet, hardy, flowers straw colored or white, tinged with rose.....	.75	..	..	..	..	..	..
chamaecistus (see under "Other Ericaceous Seeds")							
chartophyllum, resembles yunnanense, to 5 feet and more, pale pink.....	..	1.25	..	3.75	..	..	..
chrysanthum (aureum), shrub, to 3 feet, hardy, flowers deep lemon yellow, seed from wild plants.....	..	..	.35	..	1.00	3.00	..
Seed from cultivated plants..	1.10	..	..	..	..	..	..
ciliatum, to 4 and 6 feet, very hardy can stand sun and wind, rosy pink flowers, seed from wild plants.....	..	..	1.20	..	3.60	..	..
Seed from cultivated plants..	1.10	..	..	..	..	..	..
cinnabarinum, Himalayan species of great charm with glaucous foliage, cinnabar red flowers, to 10 feet.....	.60	..	1.20	..	3.60	..	..
concinnum, floriferous, shrub to 6 feet, deep purple.....	.50	1.00	..	3.00	..	..	..
cyanocarpum, charming with bluish white campanulate flowers and oval leaves.....	1.10	..	..	..	..	..	..
dalhousiae, to 8 feet, fragrant bell shaped flowers, yellow to white.....	.60	..	1.20	..	3.60	..	..
decorum, attractive with long leaves and waxy-white or pink flowers, to 15 feet.....	.65	..	1.35	..	4.00	..	..
discolor, to 12 feet and more, white to pink flowers, the latest flowering of all.							
edgeworthi, to 6 feet, large, bell shaped flowers, white tinged with rose.....	.75	..	1.50	..	4.50	..	..
eximium, rare large leaved species, flowers rose-pink.....	1.10	..	..	..	..	..	..
falconeri, magnificent species, attaining tree size with great felted leaves and large bell-shaped creamy white flowers marked with crimson blotch at base.....	.60	..	1.20	..	3.60	..	..
ferrugineum, the "Alpenrose", dwarf shrub to 4 feet with rose colored flowers, fine for massing	..	..	.35	..	.90	2.75	..
floribundum, 10 feet, purple lavender flowers.....	..	2.25	..	..	..	..	..

RHODODENDRON—Continued

	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.	1/4 lb.
fortunei, a large leaved species, quite hardy, up to 10 feet, large fragrant pink flowers...	.45	..	.85	..	2.50	..	..
fulgens, 7 to 10 feet, flowers brilliant crimson, leaves glossy brownish tomentose beneath...	.65	..	1.50	..	4.50	..	..
glaucum, dwarf species, flowers rose colored, leaves aromatic, glaucous beneath, will stand considerable amount of sun.	.65	..	1.20	..	3.60	..	..
Seed from wild plants.....	1.10	..	..	..	..	..	..
Seed from cultivated plants...	1.10	..	..	..	..	..	..
grande, to 40 feet, leaves to a foot long, white beneath, flowers rosy to white.....	.55	..	1.20	..	3.60	..	..
heliolepis, hardy shrub to 5 feet, flowers rose-purple.....	.60	1.25	..	3.75	..	..	..
hemitrichotum, wiry shrub to 6 feet, flowers light pink, leaves bright silvery beneath, aromatic.....	1.10	..	..	..	..	..	..
himalayense, undescribed.....	.60	1.20	..	..	..	..	..
hippophaeoides, a good dwarf species, flowers lavender blue, fine for rock gardens.....	.80	1.50	2.75	..	..	..	..
hirsutum, pretty dwarf shrub, similar to ferrugineum, which it replaces on limestone soil, rosy pink flowers.....	..	..	.60	..	1.75	..	..
hodgsoni, one of the hardiest of the large leaved Himalayans, deserves cultivation for its magnificent foliage, large campanulate flowers, lilac-rose.....	.65	..	1.20	..	3.60	..	..
hormophorum, dwarf shrub suitable for the rock garden, flowers rose-lavender.....	1.10	..	..	..	..	..	..
impeditum, pleasant dwarf Rhododendron for rock garden.....	1.00	..	..	..	..	..	..
insigne, a European grower calls it, the "toughest", perhaps, of all Chinese Rhododendrons.....	.70	1.40	..	..	..	..	..
intricatum, another fine dwarf species with lavender blue flowers	1.10	..	..	..	..	..	..
irroratum, seeds of a form with deep crimson flowers.....	1.10	..	..	..	..	..	..
javanicum, shrub of medium size, red campanulate flowers, tender tropical species.....	..	..	.75	..	2.00	..	..
keiskei, Japanese hardy, yellow-flowered Rhododendron, low shrub to 5 feet with long narrow leaves.....	.70	..	1.35	..	4.00	..	..
kotschyi (myrtifolium), hardy, 1-1½ feet, small myrtle-like leaves, clear pink flowers, rare	.60	..	..	..	..	..	..
lepidotum, closely allied to glaucum and of similar habit, flowers rose-purple.....	..	..	1.50	..	4.50	..	..
longistylum, six feet high, leaves 2 inches long, white flowers....	..	2.25	..	..	..	..	..
lutescens, shrub to 7 feet, flowers bell-shaped, pale yellow, most effective when planted in groups.....	.65	1.25	..	..	..	..	..

RHODODENDRON—Continued	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.	1/4 lb.
maddenii, to 8 feet, flowers white in lily like trumpets flushed pink, fine for the South.....	.60	..	1.20	..	3.60	..	..
mariesi, undescribed.....	.70	1.40	..	..	..	..	..
maximum.....	..	..	..	..	.50	1.50	4.50
metternichi, dense shrub to 5 feet, flowers pink to deep rose, leaves fawn-colored beneath..	.35	..	..	..	.75	2.25	..
metternichipentamarum, form with narrow, almost linear leaves..	.35	..	..	..	.75	2.25	..
micranthum, small shrub, extremely hardy with myrtle-like leaves and an abundance of fragrant white flowers.....	..	..	.75	..	2.25	..	..
mucronulatum, see under Azalea							
niveum, 12-15 feet, trusses of purple flowers, leaves snow white beneath, quite hardy...	.65	..	1.20	..	3.60	..	..
ochraceum, undescribed.....	..	1.50	..	..	..	..	..
oleifolium, very similar to racemosum, charming small shrub for rock gardens, starts flowering when quite young, pink flowers	1.10	..	2.00	..	..	..	..
oreodoxa, 6-10 feet extremely floriferous with carmine buds followed by rose flowers, very hardy.....	.85	1.50	2.50	..	..	..	..
oreotrophes, tall floriferous shrub flowers, glaucous leaves.....	1.10	..	..	..	..	..	..
orthocladum, 2-3 feet fine miniature shrub, with grayish green small leaves, flowers early, pale lilac-blue.....	1.10	..	..	..	..	..	..
pachytrichum, 15-20 feet, pink tubular flowers.....	..	1.50	..	..	..	..	..
polylepis, 6-10 feet, flowers rose to purple spotted yellow.....	1.00	..	2.00	..	..	..	..
ponticum.....	..	..	..	..	.45	1.25	3.75
ponticum, from hardy specimen plants in Northern Europe...	..	..	.55	..	1.65	5.00	..
pubescens, dwarf shrub resembling in flower Rhododendron racemosum.....	1.10	..	..	..	..	..	..
racemosum, dwarf shrub, very hardy, considered the best rock garden Rhododendron for average conditions, small rose-pink flowers.....	.65	1.20	2.40	..	..	..	..
racemosum, No. 59717 Rock, a very hardy form, seed from American plants.....	1.00	..	..	..	..	..	..
rubiginosum, 6-10 feet rosy-lilac flowers with darker markings, in May produced in great profusion. Will grow in limestone soil.....	1.10	..	..	..	..	..	..
searsiae, closely related to concinnum, floriferous purple-rose...	.75	1.50	..	..	..	..	..
setosum, related to impeditum, dwarf shrub with bristly leaves and rose-purple flowers	.65	..	1.20	..	3.60	..	..
smirnovi, even harder than maximum, 4-6 feet, large trusses of rosy-lilac flowers, a fine Rhododendron.....	.70	..	1.35	..	4.00	..	..

RHODODENDRON—Continued	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.	1/4 lb.
thomsoni, 10-15 feet, described as one of the most beautiful Rhododendrons in cultivation, glaucous round leaves, clusters of brilliant crimson flowers. Seed from wild plants.....	.75	..	1.50	..	4.50	..	..
thomsoni candilabrum, a distinct wild form of thomsoni, perhaps even more beautiful....	1.00	..	2.00	..	..	..	..
triflorum, 6-10 feet, free flowering, pale yellow, small leaves.....	.65	..	1.30	..	3.60	..	..
wighti, 10-15 feet, bell shaped flowers pale yellow with crimson blotch in large clusters...	.75	..	1.50	..	..	..	..
yanthinum, 6-9 feet, free flowering deep vinous purple.....	1.00	..	2.00	..	..	..	..
yunnanense, one of the best known Chinese Rhododendrons, very hardy and easy to grow, flowers light rose with darker markings.....	.75	1.35	..	..	..	..	..
ADDITIONAL RHODODENDRONS:							
To be described in our next list, selling at.....	.65	..	..	..	..	..	..
adenophorum, balfourianum, beesianum, alutaceum, sphaeroblastum.							

SEEDS OF HYBRID RHODODENDRONS MOSTLY CATAWBIENSE HYBRIDS

	pkt.	1/16 oz.	1/4 oz.	1 oz.
Altaclarens (Arboreum x Ponticum).....	1.10	..	..	..
Arboreum Hybrids, from choice English collection.....	.40	..	1.10	3.00
Atrosanguineum, deep blood-red.....	1.10	..	..	..
Barbatum x Fulgens.....	1.10	..	..	..
Broughtoni, a remarkable hybrid large flower trusses rosy-crimson, beautiful foliage.....	1.10	..	..	..
Catawbiense x Arboreum Hybrids choice hardy varieties seed collected by a specialist in Northern Europe.....	..	.50	1.50	4.50
Catawbiense Grandiflorum, white.....	..	.75	2.00	..
Catawbiense Hybrids, seed collected from specimen plants in New England.....	..	.35	1.00	3.00
Caractacus, crimson.....	.60	1.00	..	..
Cunningham's, white (Caucasicum x Ponticum white)....	1.10	..	..	..
Dawn's Delight, brick red changing to soft pink, one of the finest of new Hybrids.....	1.10	..	..	..
Decorum x Thomsoni.....	.60	1.00	..	..
Everestianum, rosy-lilac.....	.60	1.00	..	..
George Hardy (Auklandi Hybrid) large bluish flowers fading to white.....	1.10	..	..	..
Hirsutum x Ferrugineum.....	.60	..	..	..
Hybridum (Azaleoides) (Viscosum x Maximum).....	..	.40	1.25	..
John Walter crimson.....	.90	..	..	..
Kettledrum, crimson.....	1.10	..	..	..
Lady E. Cathcart, rose with chocolate blotch.....	1.10	..	..	..
Mrs. Lindsay Smith, one of the finest of Hybrids.....	1.10	..	..	..
Ponticum Hybrids.....	..	..	.65	2.00
Ponticum x Catawbiense.....	.60	1.00	..	..
Silberad's Early Pink.....	1.00	..	..	..
Smirnovi Hybrids, hybrid forms of Smirnovi with Catawbiense and Arboreum Hybrids and Metternichi, a choice new race of hardy Hybrids.....	.75	1.40	4.25	..
Wellesleyanum (Catawbiense x Maximum).....	..	.45	1.25	..
Wellsianum (Arboreum x Catawbiense).....	1.10	..	..	..

OTHER ERICACEOUS SEEDS

	pkt.	1/32 oz.	1/16 oz.	¼ oz.	oz.	¼ lb.	lb.
BRUCKENTHALIA spiculifolia, a pretty plant, closely related to heath, 8 inches, flowers in June rosy-red. Requires an acid soil like Calluna and Erica . . .	.60	..	..	..	..	..	..
CALLUNA vulgaris . . . . .	..	..	..	..	..	.50	1.50
CLETHRA alnifolia . . . . .	..	..	..	..	..	..	1.00
barbinervis, Tree Clethra, clean seed . . . . .	.20	..	..	.50	1.50	..	..
fargesii, a rare, exceedingly floriferous species from China, similar to the former not as tall forming a round shrub, to 6 feet, a valuable garden shrub with long white flower spikes in summer, clean seed . . . . .	.25	..	..	.50	1.50	..	..
tomentosa, a Southern species similar to alnifolia, flowers are pure white and about a month later than those of alnifolia, perfectly hardy North . . . . .	..	..	..	.45	1.25	..	..
DABOECIA (Menziesia) polifolia "Irish heath", Charming dwarf shrub a useful garden plant conspicuous, globe-shaped rosy flowers, in great profusion from June to November . . . . .	..	..	..	.70	2.10	..	..
ERICA arborea . . . . .	..	..	..	..	.20	.50	1.50
carnea, Spring Heather . . . . .	..	..	..	..	..	.50	1.50
ciliaris . . . . .	.50	..	..	..	..	..	..
cinerea . . . . .	..	..	..	..	.30	.70	2.00
cinerea coccinea, clean seed . . . . .	.50	..	..	..	..	..	..
cinerea hybrida, many shades from white to pink, salmon, scarlet, crimson, clean seed . . . . .	.75	1.70	..	..	..	..	..
mediterranea . . . . .	.50	..	..	..	..	..	..
scoparia . . . . .	..	..	..	..	.30	.60	1.80
stricta, clean seed . . . . .	.75	..	1.50	..	..	..	..
vagans, clean seed . . . . .	.60	..	..	..	..	..	..
vagans alba, clean seed . . . . .	.60	..	..	..	..	..	..
LEUCOTHOE catesbaei, clean seed . . . . .	.25	..	..	.60	1.80	..	..
LOISELEURIA procumbens, (Azalea Procumbens) a procumbent Alpine Azalea-like shrub, 6 inches high. A charming plant with pink flowers in May, for a cool, shady, moist spot in the rock garden . . . . .	.70	..	2.10	..	..	..	..
OXYDENDRON arboreum . . . . .	..	..	..	..	.20	.30	.90
PIERIS floribunda, clean seed . . . . .	.15	..	..	.30	.85	2.65	8.00
japonica . . . . .	..	..	..	..	.80	2.15	6.50
japonica nana, dwarf species with pink flowers . . . . .	.35	..	.75	..	..	..	..
mariana, clean seed . . . . .	..	..	..	.40	1.20	..	..
RHODORA canadensis (Rhododendron Rhodora), our native Rhodora . . . . .	.50	..	..	..	..	..	..
RHODOTHAMNUS chamaecistus (Rhododendron chamaecistus) charming little alpine evergreen from European Alps, with pale rose flowers . . . . .	.60	2.00	..	..	..	..	..
VACCINIUM corymbosum . . . . .	..	..	..	..	.30	.90	..

VACCINIUM—Continued	pkt.	1/32 oz.	1/16 oz.	½ oz.	¼ oz.	oz.	¼ lb.
macrocarpon, Cranberry.....40	1.25
oxycocum.....
pennsylvanicum.....30	.90	..
vitis idaea, clean seed.....45	1.75	..	..
ZENOBIA pulverulenta, a fine garden shrub, one of the best of our native shrubs, partially evergreen, with a profusion of lily-of-the-valley-like flowers in June and July.....40	1.20	..	..	..

SEEDS OF SHRUBS AND BROADLEAVED EVERGREENS

A selection of many rare, uncommon or highly recommendable ornamentals.

	pkt.	½ oz.	oz.	¼ lb.	lb.
Akebia lobata, collected in New England.....	..	..	.35	.85	..
Ailanthus vilmosiana, with large leaves and spiny branches.....	..	..	.30	.70	2.00
Albizzia julibrissin.....	..	..	.25	.40	1.25
Amelanchier canadensis.....	..	..	..	.75	2.25
Amorpha fruticosa.....	..	..	..	.30	.80
canescens.....	..	..	..	.70	2.00
glabra, not as tall as fruticosa.....	..	..	..	.40	1.25
microphylla (fragrans nana) valuable plant for border in front of flowering shrubs or for background behind low perennials. May be treated as herbaceous perennial and cut back to the roots every year.....	..	..	..	.50	1.50
Ampelopsis aconitifolia..... 100 seeds .45, 1000 2.25	..	..	..	..	..
heterophylla.....	..	..	.40	1.15	3.50
heterophylla amurensis, clean seed.....	..	..	.40	1.15	3.50
megalophylla..... 100 seeds .40, 1000 seeds 1.75	..	..	..	..	..
veitchi, clean domestic seed.....	..	..	..	.50	1.50
Asimina triloba.....	..	..	..	.45	1.25
BERBERIS aggregata..... 1000 seeds 1.40	..	.70	2.80	..	..
aggregata prattii.....	..	.50	1.50	..	..
amurensis.....	..	..	.60	1.75	..
aristata.....	..	.35	1.00	..	..
atrocarpa (levis), evergreen.....	.60	..	..	..	..
brachypoda.....	.50	..	..	..	..
candidula, clean seed.....	.50	1.50	4.50	..	..
darwinii, evergreen.....	..	..	.60	1.75	..
diaphana.....	1.15	..	..	..	..
dictophylla..... 100 seeds .50, 1000 seeds 2.50	..	..	..	..	..
ferox.....	.50	..	..	..	..
francisci ferdinandi.....	..	.60	1.80	..	..
gagnepaini, evergreen.....	..	.70	2.00	..	..
clean seed.....	.50	1.50	4.50	..	..
giraldi.....	..	.50	1.50	..	..
hookeri, evergreen.....	.65	..	..	..	..
hybrida Chinese Hybrids, handsome forms of Wilsonae with other Chinese species.....	..	.60	1.80	..	..
hybrida Firefly.....	.50	..	..	..	..
julianae, true to name, one of the finest and hardiest of evergreen Barberries.....	..	..	..	..	..
100 seeds .80, 1000 seeds 6.00	..	..	..	..	..
koreana, new Korean Barberry similar to Berberis thunbergii, but more handsome with scarlet leaves and richer display of fruits....	..	..	.50	1.65	5.00
leptoclada.....	.95	..	..	..	..
morrisonensis.....	.95	..	..	..	..
pallens.....	.90	..	..	..	..
polyantha, handsome bloomer.....	..	.60	1.80	..	..
pruinosa, evergreen.....	..	.50	1.50	..	..
replicata, evergreen similar to gagnepaini, with scarlet berries turning black.....	1.10	..	..	..	..

BERBERIS—Continued					
	pkt.	¼ oz.	oz.	¼ lb.	lb.
rubrostilla.....	..	.60	1.80	..	..
sargentiana, true to name fine evergreen species similar to Julianae with which it is often confused.....	.50	1.50	4.50	..	..
sinensis, handsome Barberry with showy dark red fruits.....	..	..	.50	1.65	5.00
soulieana, evergreen closely related to Julianae..	.95	..	..	..	..
stenophylla, evergreen.....	.50	..	..	..	..
stenophylla latifolia.....	.50	..	..	..	..
subcaulialata (coryi), clean seed.....	.50	.70	2.80	..	..
tischleri.....	..	.70	2.10	..	..
thunbergi, domestic clean seed.....	..	..	..	.90	2.70
veitchi.....	.50	..	..	..	..
vernae.....	.50	..	..	..	..
verruculosa, evergreen, clean seed.....	.50	2.00	6.00	..	..
verruculosa hybrida, evergreen, clean seed.....	.50	2.00	6.00	..	..
virescens fructo coccineo.....	.50	..	..	..	..
virescens macrocarpa.....	1.10	..	..	..	..
wilsonae, deciduous or half evergreen with brilliant fall coloring.....	..	.60	1.75	5.00	..
wilsonae stapfiana.....	.50	1.00	3.00	..	..
xanthoxylon, evergreen, tender north.....	.95	..	..	..	..
BIGNONIA grandiflora.....	..	.35	1.00	..	..
radicans.....	..	..	..	.70	2.10
BILLARDIERA longiflora fructo-alba, beautiful evergreen climber for the South with one- inch long white berries.....	.90	..	..	..	..
BROUSSONETIA papyrifera.....	..	..	.35	.80	3.20
BUDDLEIA davidi (variabilis) clean seed.....	..	..	.50	1.50	..
davidi magnifica.....	..	.30	.75	2.00	..
davidi nanhoensis, introduced by Farrer, not more than five feet high, violet flowers.....	1/64 oz. 2.25	..	..	..	..
davidi veitchiana.....	..	.35	.85	..	..
japonica (curviflora).....	..	.25	.60	..	..
BUXUS balearica.....	.50	..	..	..	..
japonica.....	..	..	.45	1.35	..
microphylla koreana.....	..	..	.40	1.15	3.50
microphylla sinica.....	..	..	.50	1.35	4.00
sempervirens.....	..	..	..	.60	1.80
CALLICARPA purpurea (dichotoma), the most valu- able of the Beauty Berries, seed from cul- tivated plants.....	..	.35	.80	..	..
CALYCANTHUS floridus.....	..	..	.20	.45	1.25
CAMELLIA japonica, American seed.....	..	..	..	.50	1.50
CARYOPTERIS tangutica, low shrub to 3 feet with tufts of lavender-blue Spiraea-like flowers in late summer.....	.80	..	..	..	..
CASSIA marilandica, Indian Senna, semi-woody plant from the South, hardy around Boston. A fine plant for open borders, conspicuous yellow flowers with purple anthers from July to October.....	.25	.50	1.50	..	..
CEANOTHUS fendleri, are hardy species from the Black Hills.....	..	.80	2.40	..	..
cyaneus.....	..	1.15	3.50	..	..
spinosus.....	..	.35	1.10	..	..
CELASTRUS scandens.....	..	..	..	.45	1.25
CERCIS canadensis.....	..	..	..	.45	1.25
CHIONANTHUS virginica.....	..	..	.25	.70	2.00
CISTUS "Rockrose" low Evergreen shrubs fine for Rock Gardens.....	..	.35	1.00	..	..
albidus.....	..	.30	.80	..	..
laurifolius.....	..	.30	.80	..	..
monspeliensis.....	..	.30	.80	..	..
salviaefolius.....	..	.30	.80	..	..

	pkt.	¼ oz.	oz.	¼ lb.	lb.
CLEMATIS armandi. 100 seeds .40, 1000 seeds 1.50	..	..	..	..	..
coccinea (texensis).....	..	.50	1.50	4.50	..
coccinea hybrida.....	.80	..	..	..	..
chrysocoma.....	1.10	..	..	..	..
davidiana, see heracleaefolia.....	..	..	..	..	..
flammula.....	..	..	..	.60	1.80
fremonti.....	.50	..	..	..	..
glauca akeboides.....	1.10	..	..	..	..
graveolens.....	..	.50	1.50	..	..
heracleaefolia davidiana.....	..	..	.40	1.35	4.00
hybrida, seed collected from choice hybrid	..	..	..	..	..
Clematis.....	..	.50	1.50	4.50	..
hybrida, double flowered hybrids.....	..	.80	..	..	..
integrifolia.....	.50	..	..	..	..
integrifolia hybrida.....	.50	..	..	..	..
koreana (Atrogene koreana).....	..	.70	2.00	..	..
montana.....	..	..	.70	2.00	..
montana grandiflora.....	..	.40	1.25	..	..
montana rubens (rosea), with flowers resembling	..	..	..	..	..
the rose flowering Japanese Anemone.....	..	.70	2.10	..	..
orientalis.....	..	.60	..	..	..
paniculata, hand cleaned seed, free from all	..	..	..	..	..
impurities.....	..	..	.30	.75	2.25
recta.....	..	.45	1.25	..	..
recta mandshurica, a fine tall form of recta.....	.25	.50	1.50	..	..
tangutica, the first yellow flowered clematis...	..	.50	1.50	4.50	..
veitchi.....	.60	..	..	..	..
vitalba.....	..	..	..	.35	1.00
viticella.....	..	..	..	.45	1.35
CLERODENDRON fargesii.....	..	.35	1.00	3.00	..
CORNUS alba sibirica, Coral Dogwood.....	..	..	..	.70	2.75
amomum.....	..	..	..	.40	1.20
florida, Northern seed.....	..	..	..	..	.50
kousa.....	..	..	.30	.75	2.35
mas.....	..	..	..	.35	1.00
rugosa.....	.25	..	.70	..	..
CORONILLA emerus.....	..	..	.40	1.25	..
COTONEASTER acuminata.....	..	..	.35	1.00	3.00
acutifolia.....	..	..	.30	.65	2.00
adpressa.....	.45	..	..	..	..
ambigua.....	..	..	.30	.85	2.50
amoena, evergreen, similar to pannosa, but	..	..	..	..	..
smaller.....	.85	..	..	..	..
apiculata.....	..	.50	1.50	..	..
applanata, see dielsinana.....	..	..	..	..	..
bacillaris.....	.85	..	..	..	..
bullata.....	..	..	.35	.85	2.50
bullata floribunda.....	.90	..	..	..	..
buxifolia, clean seed.....	..	..	.40	1.20	..
dammeri (humifusa).....	.35	.80	2.50	..	..
dielsiana.....	..	..	.30	.80	2.50
dielsiana elegans.....	.85	..	..	..	..
divaricata.....	..	..	.35	.90	2.80
franchetti.....	..	..	.35	1.00	3.00
clean seed.....	..	..	.70	2.00	..
franchetti var. cinerascens, evergreen with larger	..	..	..	..	..
leaves and more vigorous.....	.90	..	..	..	..
frigida.....	..	..	.40	1.10	3.30
frigida vicari.....	.95	..	..	..	..
harroviana.....	..	..	.50	1.35	4.00
hebephylla.....	.85	..	..	..	..
henryana.....	..	.40	1.20	..	..
horizontalis, dry berries.....	..	..	.30	.80	3.25
clean seed.....	..	..	.65	2.15	6.50
perpusilla.....	.50	.85	..	..	..
purpurea, with dark foliage.....	.50	..	..	..	..
humifusa, see dammeri.....	..	..	..	..	..

COTONEASTER—Continued

	pkt.	¼ oz.	oz.	¼ lb.	lb.
hupehensis, one of the most graceful of Coton- easters similar to divaricata, but more brilliant with its display of fruits in fall. Clean seed.....	..	.30	.80	2.40	..
lactea, evergreen.....	..	.50	1.50	..	..
lindleyi, evergreen.....	.50	..	..	..	..
microphylla.....	..	..	.40	1.45	3.50
clean seed.....	..	.30	.70	2.10	..
thymifolia, clean seed.....	..	..	.85	2.50	..
moupinensis.....	..	..	..	.65	2.00
multiflora calocarpa, clean seed.....	..	.80	..	..	..
nitens.....	..	..	.50	1.50	..
pannosa, evergreen.....	..	..	.35	.90	2.75
præcox, fine prostrate species.....	..	..	.60	1.80	..
prostrata, evergreen.....	.50	..	..	..	..
prostrata lanata.....	.95	..	..	..	..
racemiflora soongarica.....	..	.30	1.00	..	..
rhytidophylla, a rare evergreen species with wrinkled leaves and pale salmon berries....	.95	..	..	..	..
rotundifolia, evergreen.....	..	..	.40	1.10	3.50
salicifolia (salicifolia floccosa) evergreen, quite hardy north.....	..	.40	1.20	..	..
salicifolia rugosa.....	..	.50	1.50	..	..
serotina, late and handsome species.....	1.00	..	..	..	..
simonsi.....	..	..	.35	1.00	4.00
zabeli.....	..	..	.30	.90	2.70
CRATAEGUS arnoldiana.....	..	..	..	..	2.0
coccinea..... 10 lbs. 3.00	..	..	..	..	..
cordata.....	..	..	..	.35	1.00
crusgalli..... 10 lbs. 3.00	..	..	..	..	.5
mollis..... 10 lbs. 5.00	..	..	..	..	.65
nitida..... 10 lbs. 4.50	..	..	..	..	.25
persistens.....	..	..	..	..	.75
punctata..... 10 lbs. 3.00	..	..	..	..	.15
prunifolia..... 10 lbs. 3.50	..	..	..	..	.40
succulenta..... 10 lbs. 5.00	..	..	..	..	.60
tomentosa..... 10 lbs. 4.50	..	..	..	..	.50
CYDONIA japonica, the true tall form here collected imported seed.....	..	..	.50	1.50	..
maulei.....	..	..	..	1.15	3.50
maulei.....	..	..	.30	.90	2.75
maulei superba.....	..	.80	2.50	..	..
CYTISUS albus, see leucanthus.....	..	..	..	..	..
alpinus, see Laburnum alpinus.....	..	..	..	..	..
austriacus.....	.60	..	..	..	..
austriacus heuffeli.....	.50	..	..	..	..
capitatus, see supinus.....	..	..	..	..	..
Donard seedling, color combination of white, crimson, red and yellow.....	.85	..	..	..	..
elongatus, to 3 feet, yellow flowers with brown marks.....	.50	..	..	..	..
glabrescens, compact shrub, bright yellow flowers hirsutus (triflorus) to 2 feet, early flowering, clusters of buff flowers very handsome Rock Garden Shrub.....	.25	.50	1.50	..	..
leucanthus, dwarf, about 1 ft. high, free flowering with white flowers.....	.25	.60	1.80	..	..
monspessulanus (candicans) graceful semi-ever- green shrub up to 10 feet.....	.50	..	..	..	..
multiflorus, White Spanish Broom, to 5 and 8 feet.....	..	.50	1.50	..	..
nigricans, late flowering to 4 feet of graceful habit præcox.....	.20	..	.35	1.00	..
purgans, low compact shrub, yellow flowers.....	.65	.25	.75	2.25	6.75
purpureus, dwarf procumbent to 18 inches, purple flowers.....	.50	..	..	..	..
	.25	.70	2.00	..	..

CYTISUS—Continued					
	pkt.	¼ oz.	oz.	¼ lb.	lb.
<i>ratibonensis</i> , to 3 feet, bright yellow flowers . . .	.50	..	..	..	..
<i>scoparius</i> , the well known Yellow Broom, hardy strain, seed from Scandinavia . . . . .	.15	..	.25	.45	1.25
<i>scoparius</i> <i>Andreana</i> , bicolored flowers yellow and crimson . . . . .	.25	.60	1.80	..	..
<i>scoparius</i> <i>Andreana</i> hybrids, an interesting Hybrid race, flowers in all shades from yellow to red . . . . .	.35	.90	2.70	..	..
<i>scoparius</i> <i>Andreana</i> <i>hybrida</i> , Daisy Hill . . . . .	.50	..	..	..	..
<i>scoparius</i> <i>stricta</i> , the most recommendable form, as cover and shelter-plant for forestry-plantings on dry land, the fibre is used for technical purposes . . . . .	..	..	.35	.90	2.50
<i>scoparius</i> <i>sulfureus</i> , Moonlight Broom, deep cream colored flowers . . . . .	.85	..	..	..	..
<i>sessilifolius</i> , shrub of graceful habit, bright yellow flowers in June . . . . .	.25	.40	1.20	3.50	..
<i>supinus</i> (<i>capitatus</i>) compact shrub to 3 feet, very hardy, large yellow flowers in terminal clusters . . . . .	.50	1.00	..	..	..
DAPHNE <i>laureola</i> . . . . .	..	..	.35	1.00	..
<i>mezereum</i> , clean seed . . . . .	..	..	.50	1.50	4.50
<i>album</i> , white flowers and yellow fruit . . . . .	.50	..	..	..	..
DECAISNEA <i>fargesii</i> . . . . .	..	.45	1.25	..	..
DESMODIUM <i>cinerascens</i> . . . . .	..	.35	.85	..	..
<i>dilleni</i> , an American species, flowers purple . . . . .	..	.20	.50	..	..
<i>nutans</i> . . . . .	.20	.35	.85	..	..
DEUTZIA <i>magnifica latifolia</i> . . . . .	.85	..	..	..	..
DIERVILLA <i>florida</i> , charming Chinese species, flowers deep rose, one of the hardiest . . . . .	.25	.40	1.60	..	..
<i>præcox</i> , similar to preceding, but flowers earlier . . . . .	.25	.75	2.35	..	..
DORYCNium <i>hirsutum</i> . . . . .	.60	..	..	..	..
<i>suffruticosum</i> . . . . .	.60	..	..	..	..
Dorycniums are charming little miniature shrubs for rock gardens, thriving best in full sun like their cousins of the Cytisus family, white flowers shaded pink and white.					
DRYAS <i>octopetala</i> . . . . .	.45	..	..	..	..
ELSHOLTZIA <i>stauntoni</i> . . . . .	..	..	.75	2.35	..
ESCALLONIA, handsome evergreen shrubs from South America, hardy in the South, we offer the following all at . . . . .	.85	..	..	..	..
Donard Seedling, <i>langleyensis</i> , <i>montana</i> , <i>new-ryensis</i> , <i>punctata</i> .					
EUCALYPTUS, three of the hardiest.					
<i>globulus</i> . . . . .	..	.30	.80	..	..
<i>resinifera</i> . . . . .	..	.35	.90	..	..
<i>rostrata</i> . . . . .	..	.25	.60	..	..
EUONYMUS <i>atropurpureus</i> , clean seed . . . . .	..	..	..	.70	2.10
EXOCHORDA <i>grandiflora</i> . . . . .	..	..	.25	.65	2.00
FREMONTIA <i>americana</i> . . . . .	..	..	..	1.00	3.00
GENISTA <i>aetnensis</i> . . . . .	.25	..	.50	1.50	..
<i>alba</i> , see <i>multiflora</i> . . . . .	..	..	..	..	..
<i>anglica</i> . . . . .	.50	..	..	..	..
<i>cinerea</i> , beautiful species to 8 ft., profuse bloomer, golden yellow, showiest of <i>Genistas</i> . . . . .	.50	..	..	..	..
<i>dalmatica</i> , fine dwarf species for rockeries, not exceeding 8 inches . . . . .	.50	..	..	..	..
<i>germanica</i> , to 2 feet, bears spines, one of the hardiest . . . . .	..	.35	1.00	..	..
<i>hispanica</i> recommended for dry banks, exposed to full sun, forming dense cushion like bolsters 2 feet high . . . . .	.65	2.00	..	..	..
<i>monosperma</i> , to 4 feet, fine species for mild climate with white flowers . . . . .	..	.25	.50	..	..

GENISTA—Continued	pkt.	¼ oz.	oz.	¼ lb.	lb.
pilosa, dwarf trailing, forming a little tree to 18 inches high.....	.50	..	..	..	..
radiata, dense shrub to 3 feet.....	..	..	.35	1.00	..
tinctoria, shrub to 2 feet, late flowering, the best known and most widely planted.....	.45	..	.30	.70	2.00
tinctoria anxantina, a prostrate form, 9 inches..	.50	..	..	..	..
HALESIA tetraptera.....	.15	..	..	.35	1.00
HALIMODENDRON halodendron.....	..	..	.35	.85	2.50
HAMAMELIS japonica.....	..	..	.75	2.00	..
japonica arborea, an arborescent form, with golden-yellow flowers and red shaded calyx, a small quantity of seed available. 1/16 oz. .60	.30	1.50	..	..	..
japonica flavo-purpureascens, with flowers of old gold, suffused red..... 1/16 oz. .60	.30	1.50	..	..	..
HEDERA helix.....	..	..	..	.35	1.00
hibernica, with larger leaves.....	..	..	..	.40	1.20
Hedera seed ripens in April and should be planted in May and June.					
HEDYSARUM multijugum, pretty shrub to 3 feet for the rock garden, flowers rosy-purple all summer.....	.50	..	..	..	..
HIBISCUS syriacus.....	..	..	..	.30	.90
syriacus, collected from double flowered plants..	..	..	.25	.50	1.50
HIPPOPHAE ramnoides.....	..	..	..	.45	1.35
HOKERIA sexstylosa lanceolata, beautiful evergreen flowering shrub from New Zealand, for the South or sheltered positions in the North, very floriferous with flowers the later part of summer.....	1.00	..	..	..	..
HYDRANGEA arborescens.....	..	.30	.80	..	..
aspera macrophylla, a magnificent large-leaved Chinese species, flowers two inches across in large heads.....	1.00	..	..	..	..
heteromalla, tree like species from China with large white flower head.....	.85	..	..	..	..
petiolaris, the well known climbing Hydrangea..	.30	.60	..	..	..
sargentiana, a noble plant for sheltered borders, to 6 feet with leaves of enormous size and large bluish cymes surrounded by white florets.....	1.00	..	..	..	..
xanthoneura wilsoni, another Chinese species to 10 feet, striking plant with large leaves and white flowers.....	1.00	..	..	..	..
HYMENTHERA crassifolia, low semi-evergreen shrub from New Zealand, produces an abundance of white pearl shaped fruits on underside of branches.....	1.00	..	..	..	..
HYPERICUM aureum, American species with large flowers.....	.50	..	..	..	..
calycinum, 12-15 inches high, a good cover plant for semi-shady borders.....	..	.25	.75	..	..
hookerianum, semi-evergreen species to 3 and 5 feet, late summer bloomer.....	.50	..	..	..	..
moserianum, a hybrid form, with large flowers, a fine low-ground cover plant not exceeding 18 inches, continuous bloomer.....	.45	..	..	..	..
patulum grandiflorum, very fine late flowering Chinese species, 3 to 4 feet, blossom to 3 inches in diameter..... 1/16 oz. .70	.50	..	..	..	..
patulum Henryi, an attractive form of the above..... 1/16 oz. .70	.50	2.00	..	..	..
patulum forrestii, very floriferous form, foliage with brilliant coloring in fall.....	.50	..	..	..	..
polyphyllum, a fine prostrate, small leaved species, an ideal rock garden plant, blooming all summer.....	.50	..	..	..	..

	pkt.	¼ oz.	oz.	¼ lb.	lb.
ILEX aquifolium, clean seed.....25	.50	1.60
aquifolium, domestic seed in berries.....	1.30
coriacea, a new species from Carolina mountains evergreen with small leaves and red berries stands clipping well, for sunny or semi- shaded places on drained soil.... ¹ / ₁₆ oz. .30	..	.85	2.50	..	..
cornuta.....	..	.20	.40	1.25	..
crenata.....25	.45	1.75
glabra.....15	.30	.85
integra, tall Chinese Ilex.....70	2.00
latifolia, one of the finest evergreen of the Far East with magnificent foliage similar to Magnolia grandiflora, fairly hardy.....	.15	..	.35	1.00	3.00
microcoeca, bears a profusion of small berries, a new Holly from Japan, clean seed.....	..	.95	2.80	..	..
oldhami, tall evergreen Holly from Japan.....	1.00	3.00	..
opaca, American Holly, clean Northern seed....35	.90	2.70
pedunculosa, another fine evergreen Ilex from the Orient with long stalks of bright red berries, clean seed, very hardy species....35	1.00	3.00
rotunda, similar to the former, clean seed.....55	1.65	..
serrata (sieboldi), Japanese Winterberry, hand- some and more graceful than verticillata, clean seed.....30	.90	2.75
sugeroki, bushy evergreen, Japanese Holly to 6 feet, with dark red berries, clean seed.....	1.00	..	..
verticillata.....20	.45	1.25
vomitoria, Yaupon, a small leaved American evergreen Holly, much used for Christmas decoration.....25	.50	1.50
INDIGOFERA girardiana (dosua).....	..	.50	1.50	..	..
kirilowi.....70	2.00	6.00
JASMINUM wallichianum, nearly evergreen shrub, clusters of yellow flowers in summer.....	.85	..	..	..	..
KOELREUTERIA paniculata.....40	1.15
LABURNUM alpinum, Scotch Laburnum, hardier and with finer foliage than vulgare, blooms two weeks later.....20	.70	2.00
vulgare Goldenchain.....25	.50	1.50
watereri (alpinum x vulgare).....	.30	.85	..	..	..
LAGERSTROEMIA indica, clean seed.....	1.15	3.50
LAUROCERASUS caroliniana.....30	.90
lusitanica.....50	1.50
officinalis.....45	1.25
LAVANDULA officinalis (vera).....	..	.25	.60	1.50	..
officinalis compacta, a fine compact lavender, 9 inches.....	.50	..	..	..	..
spica, Spike Lavender.....	..	.20	.50	1.35	..
spica alba, White Lavender.....	.50	..	..	..	..
stoechas, handsome, distinct species with purple flowers.....	.50	..	..	..	..
LESPEDEZA bicolor alba.....30	.70	2.00
bicolor atropurpurea.....30	.70	2.00
bicolor rosea.....20	.50	1.50
cyrtobotrya, with smaller leaves.....20	.50	1.50
formosa (japonica).....15	.35	1.00
formosa albiflora.....20	.50	1.50
LIGUSTRUM ibota.....30	.80
japonicum.....35	1.00
lucidum, fine evergreen Privet quite hardy, even in the north.....30	1.00
LITHOSPERMUM fruticosum (prostratum) "Heav- enly Blue".....	.50	..	..	..	..
petraeum (Moltkia petraea) miniature shrub, fine for rock gardens..... ¹ / ₁₆ oz. 1.25	.50	..	..	..	..
LONICERA Henryi, half evergreen, prostrate species from China.....	.85	..	..	..	..

LONICERA—Continued					
	pkt.	¼ oz.	oz.	¼ lb.	lb.
pileata.....	.60	..	..	..	..
pileata yunnanensis, differing from former in its upright habit, to 4 or 5 feet and greater profusion of conspicuous violet colored berries.....	.85	..	..	..	..
syringantha, fine new species from China.....	.50	..	..	..	..
LYCIUM chinense, handsome cover shrub with arching branches laden with orange scarlet berries in fall, leaves remaining until winter.....	..	..	..	1.00	3.00
MACLURA pomifera (aurantiaca) clean seed.....	..	..	.20	.40	1.25
MAGNOLIA, we furnish clean seed from stratification as fresh as collected:					
glauca.....	..	..	..	.85	2.50
soulangeana lennei.....	..	..	..	1.00	4.00
tripetala, New England seed.....	..	..	..	1.25	..
MAHONIA aquifolium, clean seed.....	..	..	..	.75	2.25
aquifolium gracilis.....	.50	1.50	..	..	..
aquifolium repens, a fine low creeping form.....	.50	1.50	..	..	..
japonica (bealei) clean seed.....	..	..	.30	.90	..
MALUS coronaria, clean seed.....	..	..	1.00	2.25	..
NANDINA domestica, American seed, dry berries ..	..	..	..	.80	2.40
fresh berries.....	..	..	..	.70	2.00
OLEARIA albida, hardest of genus, Tree Daisy from New Zealand, 4 to 8 feet, with white aster like flowers.....	.85	..	..	..	..
ONONIS, dwarf spiny European Cytisus-like shrubs for sunny position in rock gardens,					
fruticosa, pink flowers.....	.50	..	..	..	..
natrix, floriferous, yellow flowers with darker markings.....	.50	..	..	..	..
OSMANTHUS aquifolium dense, slow growing compact evergreen shrub, tiny white fragrant flowers in early fall.....	..	..	..	1.00	..
OSTEOMELES schwerinae evergreen shrub from China, quite hardy when grown protected, silvery fern-like foliage, white flowers in cluster during June and July.....	.85	..	..	..	..
PAEONIA suffruticosa (moutan) Tree Peony, wild form.....	..	..	.70	2.00	6.00
from cultivated plants.....	..	..	.80	2.35	7.00
PERSEA borbonia Red Bay, evergreen, a cousin to the California Laurel but of smaller dimensions.....	..	..	.35	.75	2.00
PETTERIA ramentacea (Laburnum ram.) fine Laburnum like shrub from Dalmatia, to 6 feet, upright racemes of fragrant yellow flowers in Spring.....	.50	..	..	..	..
PHILLYREA angustifolia, handsome evergreen allied to Osmanthus, white flowers.....	..	..	.30	.60	1.80
latifolia media, a fine species with variable foliage.....	..	..	.30	.60	1.80
PHORMIUM tenax, very striking and handsome evergreen of the Lily Family, large leathery leaves from 3 to 8 feet long, bronzy red flowers on spikes up to 15 feet high.....	..	.40	1.25	..	..
PHOTINIA arbutifolia.....	..	..	.20	.50	1.50
All Japanese Photinias for fall orders only.					
PHYGELIUS capensis coccinea, handsome South African plant, fine spikes of orange-scarlet golden-throated tubular flowers in late summer. Semi-herbaceous when planted in border. If set against a wall facing South will become a woody ⅓ to 10 feet high.....	.65	..	..	..	..
PHYSOCARPUS opulifolius (Spiraea opulifolia)....	..	..	.25	.80	2.40
PIPTANTHUS nepalensis, "Evergreen Laburnum" attractive shrub to 10 feet, large bright					

PIPTANTHUS—Continued	pkt.	$\frac{1}{4}$ oz.	oz.	$\frac{1}{4}$ lb.	lb.
yellow laburnum-like flowers in June, to recommend for trial from New Jersey South.....	.85	..	..	..	..
PITTOSPORUM crassifolium, one of the hardiest of this genus.....	..	..	.60	1.50	..
tobira, has proven hardy in our winter at many locations, American seed.....	..	..	.60	1.50	..
POLYGONUM, Fleecevine, auberti.....	.30	.70	2.00	..	..
baldschuanicum.....	.30	.70	2.00	..	..
POTENTILLA fruticosa, fine dwarf garden shrub for open border and rockery.....	.30	.70	2.10	..	..
fruticosa nana argentea, dwarf form with silvery foliage.....	.65	..	..	..	..
fruticosa veitchi.....	.65	..	..	..	..
PRINSEPIA sinensis, rare shrub from Manchuria, a first rate garden shrub, first deciduous shrub to break out in spring, bright yellow flowers.....	..	.25	.75	2.00	..
PRUNUS seeds of the Japanese flowering Cherries as listed are properly stratified and will reach our customers in fresh condition. We clean seed from stratification and ship net weight packed in Peatmoss.					
lannesiana.....	..	..	.35	.75	2.25
mandshurica.....	..	..	..	.45	1.35
serrulata.....	..	..	.35	.75	2.25
serrulata, deep cherry red.....	..	..	.40	1.35	4.00
serrulata, white.....	..	..	.45	1.40	4.25
serrulata sachalinensis.....	..	..	.35	1.00	3.00
yedoensis.....	..	..	.35	.90	2.80
PUERARIA thunbergiana.....	..	..	..	.45	1.25
PUNICA granatum, hardy form.....	.35	1.70	2.10	..	..
PYRACANTHA angustifolia, clean seed.....	..	..	.60	1.00	3.00
coccinea lalandi, seed collected from plants hardy in New England.....	..	..	.30	.80	2.40
formosa, a new dwarf species with bright crimson red berries.....	..	..	.30	.85	2.50
yunnanensis, domestic seed.....	..	..	.30	.50	1.50
clean imported seed.....	..	..	.60	1.00	3.00
RHAMNUS alaternus, evergreen Buckthorn, fast growing shrub, clean seed.....	..	..	.25	.60	..
californica, Indian Cherry evergreen shrub to 10 feet, producing clusters of dark purple berries.....	.25	..	.65	..	..
catharticus, clean seed.....	..	..	..	.60	1.75
ilicifolia, with smaller roundish leaves, covered with bright red berries in fall.....	.30	..	.80	..	..
RHAPHIOLEPIS indica, a charming pink flowered evergreen for the South.....	..	..	..	.40	1.20
RHODOTYPOS kerrioides.....	..	..	..	.50	1.50
RHUS canadensis.....	..	..	..	.40	1.25
cotinus, clean seed.....	..	..	.30	.70	2.80
glabra.....	..	..	..	..	.75
laurina, fine evergreen species.....	.35	..	.90	..	..
typhina.....	..	..	..	..	.75
ROSA acicularis.....	..	..	.60	1.50	..
acicularis nipponensis.....	..	.50	1.50	..	..
banksiae.....	..	..	.50	1.50	..
blanda.....	..	..	..	.30	1.10
canina, clean seed, this is the best stock for budding in cold climates and light soil.....	..	..	..	.40	.75
10 lbs. 7.00	..	..	..	..	..
canina, improved varieties for stock. Ask for prices.					

ROSA—Continued	pkt.	¼ oz.	oz.	¼ lb.	lb.
cinnamomea	.40	..	..	..	..
coreifolia froebeli, (laxa), clean seed	..	..	..	.65	2.00
davurica	..	..	.30	.75	2.20
filipes, fujanensis, gymnocarpa, helenae	.90	..	..	..	..
hugonis	..	.65	2.00	..	..
humilis	..	..	..	.40	1.25
lucida	..	..	..	.40	1.25
macrophylla	.90	..	..	..	..
macrophylla rubra staminea	.90	..	..	..	..
maximowicziana, clean seed	..	..	.35	.65	2.00
moyesi	.65	1.15	..	..	..
multiflora	10 lbs. 7.00, 100 lbs. 65.00	..	..	..	.80
multiflora thornless	10 lbs. 8.00, 100 lbs. 70.00	..	..	..	1.00
multiflora nana, Baby Rose, starts flowering 3 months after sowing, single and double varieties	100 hips .50, 1000 hips 3.50	..	..	..	..
nitida	..	..	..	.40	1.35
nuttalliana	.90	..	..	..	..
odorata (thea)	..	..	.40	1.25	..
omeiensis polyphylla	.90	..	..	..	..
palustris	..	..	..	.40	1.10
pendulina (alpina)	..	..	.30	.80	..
pisocarpa	.50	..	..	..	..
pomifera (villosa), Apple-Rose with large fruits fine for preserves, clean seed	..	..	.20	.45	1.35
pratti	.90	..	..	..	..
rubiginosa, clean seed	..	..	.20	.40	1.25
rubrifolia, clean seed	..	..	.35	1.00	3.00
rugosa, clean seed	..	..	.20	.50	1.50
rugosa callicarpa	.90	..	..	..	..
sempervirens	.60	..	..	..	..
sericea	..	..	.35	1.00	..
setipoda hybrida	.90	..	..	..	..
soulieana	.90	..	..	..	..
spinosissima	..	.70	2.10	..	..
spinosissima altaica	.90	..	..	..	..
xanthina	..	.35	1.00	3.00	..
ROSMARINUS officinalis, Rosemary	.20	..	.50	1.50	4.50
RUSCUS aculeatus	..	..	..	.50	1.50
SAMBUCUS nigra, clean seed	..	..	.20	.50	1.50
nigra laciniata, Cutleaf Elder	..	.25	.55	..	..
racemosa, clean seed	..	..	.25	.75	2.25
SCHIZOPHRAGMA hydrangeoides	..	.25	.80	1.75	..
SKIMMIA japonica, a fine evergreen shrub to 5 feet for semi-shady places	..	..	..	1.00	3.00
SOPHORA vicifolia, very hardy shrubby species from China of great beauty with pretty fern-like foliage and blue and white pea-shaped flowers in June	.20	.35	1.00	..	..
SORBARIA (Spiraea) aitchisoni, a fine species with immense snow-white flower panicles	..	.20	.65	..	..
arborea, with large pinnate leaves and flowers of cream color	.45	..	..	..	..
assurgens, Chinese species with upright flowers, large panicles of creamy white flowers in late summer	..	.20	.65	..	..
lindleyana, Himalayan species with ash-like foliage, huge panicles of white flowers	.20	..	.50	1.50	..
SPARTIUM junceum, Spanish Broom, to 8 feet, large fragrant yellow flowers all summer	..	..	.20	.50	1.50
STAPHYLEA pinnata, Bladder-Nut, the hardest species, white flowers followed by interesting bladder-like fruits	..	..	.20	.50	1.50
STYRAX japonica, one of the finest of all flowering shrubs	..	..	..	.40	1.00
officinalis, European species of rare charm with	..	..	..	..	..

	pkt.	$\frac{1}{4}$ oz.	oz.	$\frac{1}{4}$ lb.	lb.
STYRAX—Continued					
orange-like fragrant blossoms, seed from a hardy strain from 4000 feet elevation.....	..	..	..	..	..
10 seeds .35, 100 seeds 2.10	..	.35	.85	2.50	..
SYRINGA amurensis, clean seed.....	..	.25	.80	2.35	7.00
dilatata, clean seed.....	..	..	..	..	..
formosissima, see Wolfi.....	..	..	..	..	..
henryi var. lutece.....	.50	..	..	..	..
japonica, clean seed.....	..	.25	.80	2.35	7.00
josikaea, clean seed.....	..	.30	.85	2.50	7.50
josikaea rosea.....	.40	..	..	..	..
micrantha.....	..	.35	1.00	3.00	..
microphylla, a much favored Chinese species, small shrub to 5 feet, flowers pale lilac in June and again in late summer.....	.25	.50	1.50	4.50	..
oblata.....	..	.35	1.00	3.00	..
palabianiana, early flowering species from Korea, elegant shrub with lilac-mauve flowers.....	..	.35	1.00	3.00	..
sweginzovi, handsome Chinese species with sweet scented flesh pink flowers.....	.80	..	..	..	..
tomentella.....	.80	..	..	..	..
villosa.....	..	.50	1.50	..	..
vulgaris, clean seed.....	..	..	.35	1.00	3.00
"vulgaris, white flowerin.....	..	..	.50	1.50	4.50
vulgaris, collected from choice Hybrids. This seed will produce a percentage of new choice varieties from double red named varieties ..	..	.35	1.00	3.00	..
from double white named varieties.....	..	.35	1.00	3.00	..
collected from "Charles X".....	..	.35	.85	2.50	..
wolfi, (formosissima), a recent introduction from Korea and Manchuria, with large panicles of pale violet flowers.....	..	.35	1.00	3.00	..
VIBURNUM americanum, clean seed.....	..	..	..	1.00	2.90
bitchuiense.....	..	..	.50	1.50	..
carlesi.....	..	..	.50	1.50	6.00
dilatatum, American seed.....	..	..	.35	1.00	..
hupehense.....	.60	..	..	..	..
lantana, clean seed.....	..	..	..	.60	1.80
lentago.....	..	..	..	.35	1.00
lobophyllum.....	.60	..	..	..	..
odoratissimum, clean seed.....	..	..	.30	.85	2.50
opulus, clean seed.....	..	..	.25	.75	2.00
opulus, yellow fruited.....	..	.30	.80	..	..
prunifolium.....	..	..	.25	.45	1.25
rhytidophyllum.....	.20	..	.40	1.20	3.50
sargentii (pubinerve).....	..	..	.35	.90	2.75
sieboldi, domestic seed.....	..	..	.30	.75	2.00
clean seed (imported).....	..	..	..	.90	2.60
theiferum (setigerum aurantiacum).....	1.60	..	..	..	..
tinus, clean seed.....	..	..	..	.40	1.20
utile.....	.75	1.50	..	..	..
wrightii.....	..	..	.40	1.20	3.50
VITEX agnus-castus.....	..	..	.20	.50	1.50
agnus-castus, red.....	..	..	.75	..	..
agnus-castus, white.....	..	..	..	.70	2.00
incisa.....	.20	..	.45	1.00	4.00
VITIS aestivalis.....	..	..	..	.75	2.00
amurensis.....	..	..	.35	.90	2.80
coignetiae.....	..	..	..	.40	1.25
titanea.....	..	.35	1.00	..	..
TAMARIX pallica.....	..	..	.15	.30	1.00
hispida (kasarica) dwarf species with bright pink flowers.....	.45	..	..	..	..
ULEX europaeus.....	.15	..	.35	1.00	..
UMBELLULARIA californica, Californian Laurel, one of the finest American evergreens.....	..	..	.40	1.20	..
WISTERIA frutescens.....	..	..	.40	1.10	3.25

WISTERIA—Continued	pkt.	¼ oz.	oz.	¼ lb.	lb.
multijuga, purple.....20	.50	1.50
multijuga, rose, a rare variety.....	..	.25	.65	2.00	..
multijuga, white.....35	1.00	3.00
multijuga longissimus.....	..	.25	.75	2.80	..
sinensis, blue.....35	1.00
sinensis, rose.....	..	.25	.60	1.80	..
sinensis, white.....25	.65	2.00
venusta, blue.....40	1.20	..
venusta, white.....	..	.30	.85	2.50	..
YUCCA aloifolia.....	..	.30	.75	..	..
aloifolia purpurea, with dark red foliage.....	..	.65	2.00	..	..
baccata.....	..	.30	.85	..	..
brevifolia.....	.50	..	..	..	..
elata stricta..... 100 seeds .75
filamentosa.....30	.85	2.50
giantea..... 10 seeds .40, 100 seeds 2.20
glauca (anæusti-folia).....40	.85	2.50
gloriosa.....	..	.30	.85	2.00	..
harrimanniae.....	.50	..	..	..	..
hybrida, interesting and floriferous hybrid forms	.65	..	..	..	..
utahensis.....	.50	..	..	..	..
whipplei (Hesperoyucca whip.).....	..	.25	.75	..	..

PERENNIAL SEEDS

A SELECTION OF NEW AND RARE ITEMS

The seeds listed are obtained from all over the world. The supply of many rare items being limited, our customers are requested to allow us ample time for delivery of some of these. The majority of seeds will be shipped promptly.

	pkt.	1/32 oz.	1/16oz.	¼ oz.	½ oz.	oz.
ACHILLEA filipendulina (eupatorium) 'Parker's Variety', a superb border plant and cut flower.....	.20	..	.50	..	1.50	..
mongolica, white, fine cut flower.....	.25	..	.80	..	..	..
tomentosa aurea, fine dwarf rock plant with yellow flowers.....	.20	..	.30	..	.90	..
ACONITUM wilsoni.....	.20	..	.40	..	1.20	3.60
ALYSSUM saxatile compactum.....	.15	..	..	..	.25	.50
moellendorffianum.....	.30	..	..	..	..	..
ANCHUSA italica Lissadell.....	.20	..	..	..	.50	1.50
Sutton's dwarf, a fine novelty.....	.25	..	..	..	..	..
ANEMONE japonica.....	.20	..	..	..	.45	..
pulsatilla.....	..	..	.30	..	1.10	3.25
AQUILEGIA coerulea, "Copper Queen", a new form with coppery-red flowers and dark spur.....	.30	..	1.00	..	3.00	..
Long-Spurred Hybrids "Emperor", a new giant race of plants 4-5 feet high, fine flowers in good range of colors..	.20	..	.50	..	1.50	..
nivea grandiflora, a showy tall, white form	.20	..	..	..	.35	1.00
truncata, beautiful dwarf early flowering species, scarlet and yellow.....	.25	..	..	..	.80	2.40
vulgaris compacta erecta Edelweiss, early flowering new form with upright flowerheads, white, a fine dwarf Col-umbine for rock gardens. 15 inches.	.35	..	..	..	..	..
ARABIS alpina.....	..	..	..	..	.20	.60
ARMERIA formosa, Sea Pink.....	.20	..	..	..	.40	1.25
ASCLEPIAS tuberosa.....	.20	..	..	..	.80	2.50
ASTER amellus, "King George", a fine summer flowering perennial aster, 1½ foot high.....	.25	..	.50	..	..	..
AUBRIETIA Eyrei, large flowered, violet-purple.....	.20	..	..	.80	..	..
CAMPANULA persicifolia, fine mixture of all varieties.....	.20	..	..	..	.60	1.75

	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.
CAMPANULA—Continued						
rotundifolia, "Scotch Blue Bell".....	.20	.40	..	1.25	..	..
CERASTIUM tomentosum.....	.20	..	..	..	.40	1.25
CHEIRANTHUS allioni.....	.15	..	..	..	.20	.75
DELPHINIUM cashmerianum, fine dark blue species, 1-2 feet, fine for borders and cutting.....	.30	..	..	.70	..	..
cashmerianum album, white form of former.....	.35	..	..	.80	..	..
chinense, dwarf, white.....	..	..	..	..	.35	1.00
chinense dwarf double violet.....	..	..	..	..	.45	1.25
chinense, Blue Butterfly improved, excel- lent for cutting, salvia blue.....	.25	..	..	..	.50	1.50
chinense Blue Gem, deep blue, of compact habit.....	.30	..	..	..	.70	2.00
hybridum atropurpureum, Phoenix (Del. cashmerianum x elatum) remarkable new strain producing sturdy clumps with flower stalks, 2-3 feet high, flowers dark violet in broad panicles.	.40	..	..	..	..	..
elatum, Iceberg, the first white Delphi- nium, true from seed, large white flowers on sturdy stalks, to 4 feet...	1.00	..	..	..	..	..
DELPHINIUM HYBRIDS belladonna, im- proved.....	..	..	..	..	1.50	4.50
belladonna, Blue Wonder, a well fixed form, very early blooming, of clear blue, the large single flowers all open- ing up at same time, bred in Germany	.50	..	..	..	..	..
belladonna, "Fanny Stormouth" very large flowered, light azure blue.....	.30	..	.70	..	2.00	6.00
California Hybrids, seed grown by origi- nator, a superb Californian race, mil- dew resistant through influence of native wild Delphinium, seed from named varieties.....	100 seeds. 80, 1000 seeds 4.25 1/2 oz. 8.00	..	..	..	..	..
Continental Hybrids, a European race from interior Europe, the result of 25 years' selection. Bred for clearness of color, sturdiness of spikes and mildew resistance. This is perhaps the most thoroughbred race in existence, su- perior in many ways to English strains.....	.30	..	.70	..	2.15	6.50
Two named varieties of these Hybrids:						
Icefountain, medium tall, shiny blue with white.....	.50	..	1.00	..	2.85	8.50
Superman, very tall, light blue with pink and white flowers, late.....	.50	..	1.00	..	2.85	8.50
Wrexham, — Hollyhock — Flowered Hy- brids, a fine double-flowered strain..	.30	..	.60	..	1.70	5.00
DIANTHUS atrococcineus fl. pleno.....	.15	..	..	..	.30	.90
caesius grandiflorus.....	.20	..	.45	..	1.30	..
cruentus, Blood Pink, fine.....	.15	..	..	..	.30	1.20
granaticus, a fine low rock garden Pink with crimson flowers.....	.25	..	..	..	.70	2.00
Sweet William, all are.....	.15	..	..	..	.30	.50
Fairy—Giant—Crimson—Scarlet— Mixed.						
DIGITALIS FOXGLOVE Buxbaumi, yellow.	.15	..	..	..	.25	.75
Giant Shirley, long spikes, flowers in all colors.....	.20	..	..	..	.50	1.50
Isabellina, a fine yellow novelty to 3 feet.	.15	..	.25	..	.70	2.00
purpurea, purple and rose shades.....	.15	..	..	..	.25	.75
DORONICUM caucasicum.....	..	..	2.25	..	..	..
ECHINOPS ritro.....	.15	..	..	..	.30	.60

	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.
EREMURUS bungei.....1000 seeds	1.50	..	..	..	..	..
himalaicus.....1000 seeds	1.50	..	..	..	..	..
olgae, white. 100 seeds	.60	..	..	..	..	..
robustus...100 seeds	.60	..	..	..	..	..
1000 seeds	3.00	..	..	..	..	..
mixed.....	..	..	..	..	1.00	3.00
ERIGERON speciosus grandiflorus, beautiful lilac and blue shades.....	.25	..	..	..	.75	2.25
ERYNGIUM amethystinum.....	.15	..	.30	..	.85	2.50
giganteum.....	.20	..	.40	..	1.15	3.50
planum.....	..	..	..	..	.20	.60
ERYSIMUM pulchellum, fine rock garden plant.....	.15	..	..	..	.25	1.75
EUPHORBIA polychroma, a fine spring flowering perennial.....	.35	..	.70	..	2.00	..
FUNKIA coerulea.....	..	..	..	..	.50	1.50
fortunei robusta.....	..	..	.40	..	1.25	..
GAILLARDIA, Improved English Hybrids... GEUM coccineum, "Mrs. Bradshaw".....	.15	..	..	..	.60	1.75
..	.15	..	..	..	.50	1.75
GYPSOPHILA paniculata, double flowered, 50% coming double from seed.....	.20	..	.45	..	1.35	4.00
paniculata praecox, early flowering Hy- brids in new shades, rose and rose- lilac.....	.70	3.00	..	..	..	..
paniculata praecox, Snowflake, new early white flowered.....	.50	1.00	..	3.00	..	..
repens, very dwarf, for rock gardens....	.15	..	..	..	.50	1.50
HELENIUM autumnale hybridum nanum praecox, dwarf early flowering race, golden, brown and terracotta shades	.15	..	.30	..	.85	2.50
HELIANTHEMUM mutabile, new varieties, in many colors.....	.15	..	..	..	.35	1.10
rotundifolium, carmine.....	..	..	.35	..	1.00	3.00
HELIOPSIS scabra zinniflora semiplena, semi-double zinnia-like flowers, gol- den yellow.....	.15	..	..	..	.25	.75
HELLEBORUS niger, Christmas Rose.....	.15	..	..	..	.40	1.25
HEUCHERA gracillima, rose, small and graceful.....	..	..	.70	..	2.00	..
sanguinea splendens, dark crimson.....	..	..	.70	..	2.00	..
HIBISCUS "Mallow Marvels" all colors....	.15	..	..	..	.45	1.35
"Mallow Marvels" selected Red.....	.15	..	..	..	.50	1.50
HIERACIUM aurantiacum.....	..	..	..	..	.20	.75
villosum.....	..	..	..	..	.20	.75
IBERIS sempervirens.....	..	..	.20	..	.55	1.60
sempervirensnana (Little Gem). 1/2 oz.	.40	..	..	1.20	..	..
tenoreana.....	.15	..	..	..	.30	.80
INULA ensifolia, fine rock garden plant....	.20	..	.50	..	1.50	4.50
IRIS delavayi.....1/2 oz.	2.00	..	..	.70	..	..
dichotoma, Vesper Iris from Japan.....	..	..	.25	..	.70	2.00
kaempferi, from choice collection.....	..	..	..	..	.45	1.25
1/4 lb.	3.75	..	..	..	.45	1.75
orientalis, Snow Queen.....	..	..	..	..	..	..
sibirica, Emperor, a superb wild variety from Japan.....	..	..	..	..	.50	1.50
sibirica, Perry's Blue.....	..	..	..	..	.50	1.50
sibirica, white.....	..	..	..	..	.50	1.50
wilsoni.....	..	..	.35	..	1.00	3.00
LATHYRUS latifolius atropurpureus, dark purple, new.....	..	..	.25	..	.70	2.00
latifolius grandiflorus, "White Pearl" large flowers, white.....	..	..	.25	..	.70	2.00
LIATRIS callilepis, beautiful purple red flowers.....	.20	..	.40	..	1.20	3.60
elegans.....1/4 lb.	2.50	..	..	..	.30	.85

LIATRIS—Continued		pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.
punctata.....	1/4 lb. 2.50	..	..	..	..	.30	.85
pyncnostachya.....	1/4 lb. 2.50	.15	..	..	..	.30	.85
scariosa, very choice with purple rose shaped flowers.....	..	..	.20	..	..	.60	1.80
LINARIA cymbalaria compacta, new compact form of Kenilworth Ivy.....	..	.15	..	.40	..	1.20	3.60
macedonica speciosa, 2-3 ft., fine cut flower, large lemon-yellow flowers with orange spot.....	..	.15	..	.40	..	1.20	3.60
LOBELIA cardinalis nanseniana, beautiful dwarf, with dark red foliage and dark lilac flowers.....	1000 seeds .75	..	..	..	..	..	..
cardinalis robusta grandiflora, a giant form with enormous brilliant scarlet flowers.....	1000 seeds 1.25	..	7.50	..	..	..	..
LUPINUS Woodacre Hybrids, an American race, the result of crossing European garden varieties with a native perennial Lupin, all shades including yellow, a sturdy strain producing plants to five feet in height.....	..	.25	..	..	..	.70	2.00
paynei, a new Californian bush Lupin of vigorous habit, all shades between white, pink, blue and lavender.....	..	..	.40	..	..	1.20	3.50
LYCHNIS chalcedonica.....	..	..	.15	..	..	.30	.90
chalcedonica, white form.....	..	..	.15	..	..	.30	.90
grandiflora gigantea, large flowered, scarlet	.20	..	.35	..	..	.70	2.10
viscaria splendens.....	.10	..	..	..	..	.20	.60
MALVA moschata, Musk Mallow.....	.20	..	..	..	..	.30	.90
moschata, white.....	.20	..	..	..	..	.30	.90
OENOTHERA fraseri.....	..	..	.40	..	..	1.20	3.60
missouriensis.....	..	..	.60	..	..	1.70	5.00
youngi.....	..	..	.40	..	..	1.20	3.60
PAEONIA lutea, a superb species with golden yellow flowers.....	..	..	.25	..	..	.70	2.10
lutea superba, a selected form.....	..	..	.30	..	..	.80	2.40
PAPAVER bracteatum.....	.15	..	..	..	..	.35	1.00
nudicaule, "Baker's Sunbeam" mixture.....	.10	..	.20	..	..	.45	1.25
orientale.....	.10	..	.20	..	..	.50	1.50
orientale, white, large flowered with black spot.....	..	1.75	..	..	..	..	..
orientale, "Mammoth" enormous, dark scarlet flowers.....	..	..	.35	..	..	1.00	3.00
orientale, "Miss Perry" light salmon.....	..	.60	..	1.50	..	..	..
orientale "Queen Alexandra" salmon rose	..	.60	..	1.50	..	..	..
PLATYCODON mariesi.....	..	..	.25	..	..	.70	2.10
mariesi alba.....	..	..	.25	..	..	.70	2.10
PRIMULA japonica.....	.15	..	.30	..	..	.80	..
PYRETHRUM, "Painted Lady", finest English Hybrids, mixed.....	..	..	.20	..	..	.50	1.50
RODGERSIA pinnata.....	..	1.00	..	..	..	..	..
sambucifolia.....	..	1.00	..	..	..	..	..
RUDBECKIA newmanni (speciosa).....	.10	..	.20	..	..	.45	1.25
purpurea.....	..	..	.15	..	..	.45	1.30
purpurea hybrida grandiflora, beautiful new large flowered Hybrids.....	.10	..	.20	..	..	.60	1.80
SALVIA argentea, with large silvery foliage.....	.15	..	..	..	..	.30	.90
azurea grandiflora, Azure Sage.....	.15	..	.30	..	..	.85	2.50
farinacea, "Blue Bedder" compact form with deep blue flowers.....	.50	..	..	2.00	..	..	..
nemorosa superba, deep violet, a superb perennial, blooming in August, excellent bee plant.....	.15	..	..	..	..	.30	.90
SAPONARIA ocyroides splendens.....	.10	..	..	..	..	.25	.75
ocyroides, white.....	.10	..	..	..	..	.25	.75

SAXIFRAGA	pkt.	1/32 oz.	1/16 oz.	1/8 oz.	1/4 oz.	oz.
decipiens hybrida grandiflora,						
large-flowered Hybrids of the mossy						
section, all shades. . . . .	..	..	.50	..	1.50	..
SCABIOSA caucasica perfecta. . . . .	.25	..	.50	..	1.50	4.50
caucasica perfecta, white. . . . .	.30	..	.60	..	1.80	..
japonica, beautiful lilac flower. . . . .	.10	..	..	..	.20	.50
SCUTELLARIA baicalensis coelestina. . . . .	.30	.60	..	1.75	..	..
SENECIO clivorum, "Orange Queen" . . . . .	..	..	.15	..	.30	.90
clivorum "Othello" . . . . .	..	..	.15	..	.35	1.10
veitchianus. . . . .	..	..	.20	..	.60	1.80
wilsonianus. . . . .	..	..	.25	..	.70	2.10
SIDALCEA hemsleyana Hybrids, a fine Eng-						
lish strain, all shades from white to						
purple. . . . .	..	..	.25	..	.70	2.10
SILENE schafta, beautiful rosy purple. . . . .	..	..	.20	..	.60	1.80
STATICE dumosa, a fine new species, very						
free flowering, large flower heads,						
light silvery gray. . . . .	.30	..	.80	..	2.50	..
latifolia. . . . .	.10	..	.20	..	.50	1.50
STOKESIA cyanea, blue. . . . .	.10	..	.20	..	.60	1.80
cyanea, white. . . . .	.10	..	.25	..	.70	2.00
THALICTRUM aquilegifolium hybridum,						
magnificent new race, shades of white,						
cream color, rose, lilac and purple. . . . .	..	..	.30	..	.80	2.40
THERMOPSIS caroliniana. . . . .	.15	..	.30	..	.90	2.70
TRITOMA hybrida, "Express", early flower-						
ing race. 1/4 lb. 2.25	.15	..	..	..	.35	1.00
hybrida mirabilis, if sown early will bloom						
first year, to 3 feet high, all shades,						
lemon and golden yellow, orange and						
orange scarlet. . . . .	.25	..	.45	..	1.30	3.90
uvaria grandiflora, large coral red flowers	.25	..	.45	..	1.30	3.90
tucki (May Queen). . . . .	..	..	.20	..	.45	1.25
TROLLIUS caucasicus "Orange Globe" very						
choice. 1/4 lb. 7.00	.30	..	.80	..	2.40	8.00
europaeus. . . . .	.20	..	.40	..	1.15	3.50
new large flowered Hybrids. . . . .	.20	..	.80	..	2.50	7.50
VERBASCUM giganteum, silvery white fo-						
liage, tall flower stalks. . . . .	..	..	.25	..	.75	..
harkness, new. . . . .	..	..	..	..	.35	1.00
pannosum, valued for its foliage. . . . .	.10	..	.20	..	.60	1.80
phoeniceum, fine cut flower. . . . .	.10	..	..	..	.25	.75
plicatum, fine novelty with attractive long						
ribbed leaves, spikes of sulphur yellow						
flowers. . . . .	..	..	.20	..	.50	1.50
VERBENA venosa. . . . .	.10	..	.20	..	.50	1.50
VERONICA amethystina. . . . .	..	..	.20	..	.50	1.50
longifolia nana, fine form half as height as						
species. . . . .	..	..	.20	..	.50	1.50
prostrata. . . . .	..	..	.30	..	.90	2.70
repens, genuine. . . . .	..	..	.50	..	1.50	..
spicata. . . . .	.10	..	..	..	.35	.95
VIOLA cornuta "Apricot" . . . . .	.20	..	.60	..	1.75	..
cornuta Jersey Gem . . . . .	.30	.70	..	2.00	..	..
cornuta Papilio, blue and white. . . . .	..	..	.20	..	.50	1.50
cornuta perfecta, deep purple. . . . .	..	..	.20	..	.50	1.50
cornuta Perfection, large flowered, light						
blue. . . . .	..	..	.25	..	.70	2.00
cornuta White Perfection, large flowered,						
pure white. . . . .	..	..	.25	..	.70	2.00
gracilis, dark violet blue, very free flowering						
gracilis, Lord Nelson. . . . .	..	..	.70	..	2.00	..
lutea splendens. . . . .	..	..	.20	..	.50	1.50

SEEDS OF AQUATIC PLANTS.

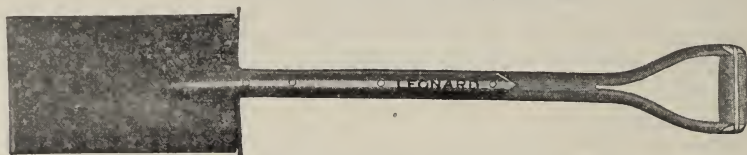
Allow two to four weeks for delivery.

- ALISMA plantago .15 pkt., .30 $\frac{1}{4}$ oz.
 CYPERUS alternifolius .20 pkt., .50 $\frac{1}{4}$ oz., 1.50 oz.
 alternifolius nanus compactus .30 $\frac{1}{12}$ oz.
 dwarf Umbrella Plant .80 $\frac{1}{4}$ oz., 2.40 oz.
 papyrus, Egyptian Paper Plant .75 $\frac{1}{32}$ oz., 2.50 $\frac{1}{8}$ oz.
 MENTHA aquatica .35 $\frac{1}{16}$ oz., .95 $\frac{1}{4}$ oz.
 NELUMBIUM luteum, American Lotus 1.00 $\frac{1}{4}$ lb., 3.00 lb.
 speciosum, Indian Lotus, pink .30 oz., .85 $\frac{1}{4}$ lb., 2.50 lb.
 speciosum, white .30 oz., .85 $\frac{1}{4}$ lb., 2.50 lb.
 NYMPHAEA, seed of Waterlilies
 alba .75 $\frac{1}{4}$ oz.
 coerulea 1.25 $\frac{1}{32}$ oz.
 dentata .80 $\frac{1}{32}$ oz., 4.50 $\frac{1}{3}$ oz.
 dentata magnifica (Minerva) .80 $\frac{1}{32}$ oz., 4.50 $\frac{1}{3}$ oz.
 dentata superba (Juno) .80 $\frac{1}{32}$ oz., 4.50 $\frac{1}{3}$ oz.
 gigantea 100 seeds 2.25.
 gracilis 1.80 $\frac{1}{32}$ oz.
 hybrida Bissetti 1.50 $\frac{1}{32}$ oz.
 hybrida Jubilee 1.75 $\frac{1}{32}$ oz.
 lotus 1.00 $\frac{1}{32}$ oz.
 lotus rubra 1.00 $\frac{1}{32}$ oz.
 O'Marana 1.60 $\frac{1}{32}$ oz.
 ortgiesiana rubra .75 $\frac{1}{32}$ oz.
 pygmaea alba 1.00 $\frac{1}{4}$ oz.
 rubra 1.50 $\frac{1}{32}$ oz.
 stellata 1.00 $\frac{1}{32}$ oz.
 zanzibariensis azurea .75 $\frac{1}{32}$ oz.
 zanzibariensis coerulea .75 $\frac{1}{32}$ oz.
 zanzibariensis rosea 2.00 $\frac{1}{32}$ oz.
 zanzibariensis rubra 3.00 $\frac{1}{32}$ oz.
 RANUNCULUS lingua, a superb aquatic plant .25 pkt., .50 $\frac{1}{32}$ oz.
 SAGITTARIA lancifolia .75 $\frac{1}{32}$ oz.
 montevicensis, a fine tropical Sagittaria for Aquariums and pools .25 pkt. .75 $\frac{1}{32}$ oz.
 SPARGANIUM ramosum .50 $\frac{1}{4}$ oz., 1.50 oz.
 TRAPA natans, order in fall.
 TYPHA angustifolia .25 $\frac{1}{4}$ oz., .75 oz.
 stenophylla .30 $\frac{1}{4}$ oz., .80 oz.

NURSERY AND GARDEN TOOLS

A selection of the most indispensable garden tools. Prices as listed are for the trade, the Nurseryman, Forester and Florist. For the retail trade these tools are priced slightly higher.

Leonard Nursery Spade



No. A1M., No. 2 blade, $7\frac{1}{2} \times 12$ in. Molybdenum Steel. The thin flat edge enters the ground with amazing ease. Two-thirds length straps as illustrated, weight $5\frac{1}{2}$ lbs. 2.75 ea.

No. V6W2, similar to A1M. The blade is a little deeper and one gauge lighter, with short straps, weight $4\frac{1}{2}$ lbs. A good all around garden spade. 2.50 ea.

Leonard Nursery Spade



No. A13, 13 inch blade, straight edge, with straps all the way up over socket of Steel D. With the weakest point of new ordinary Nursery Spade, the wooden handle eliminated this spade will outlast any others. Weight $7\frac{1}{2}$ lbs. 3.75 ea



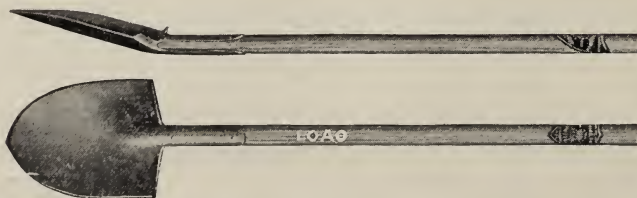
Transplanting Spade.

Very much demanded for moving perennials and small plants especially the 12 inch size.

No. T12—12 inch blade, weight 4 lbs. 2.00

No. T14—14 inch blade. 2.15

No. T16—16 inch blade. 2.25



No. H2. Home Garden Shovel. Blade $6\frac{3}{4} \times 8\frac{1}{2}$ inch, handle 33 inches, weight 2 lbs. \$1.00 ea.



No. H3 Ladies' Spade. Blade $6\frac{3}{4}$ x 10 inches, handle 29 inches. Excellent for light digging in the nursery. Weight 3 lbs..... 1.00 ea.



No. E2 Spading Shovel, an excellent tool for the nursery. Narrow pointed blade, 8 inches wide by 11 inches long, polished. Steps as illustrated. Light weight $4\frac{1}{2}$ lbs..... 2.25 ea.



No. SST Straight Shank Trowel, solid socket blade 4 x 6 inches tempered and polished. The finest trowel produced, excellent for planting bulbs and perennials..... .85 ea.



No. TT Leonard Flat Trowel, 6 inches flat polished blade. The best trowel for the propagator and all around garden work..... .85 ea.

No. DST Drop Shank Trowel, similar to above with drop shank... .85 ea.



No. IGH7 Grading Hoe, for grading and cleaning up work. Blade forged from one piece of steel, slightly curved Hickory handles, not assembled..... 1.95 ea



No. 30A Budding Knife, for budding, copulation, and vine grafting. Handle strong brass lined with ebonite handle..... 10 cm 1.60 10½ cm 1.65 With walnut handle..... 10 cm 1.45



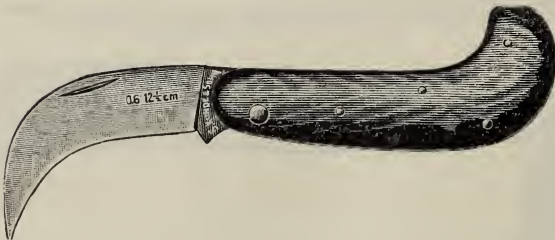
No. 23A Grafting Knife..... 9½ cm 1.55 10 cm 1.60 10½ cm 1.65
No. 23D same with round wood handle..... 10½ cm 1.75



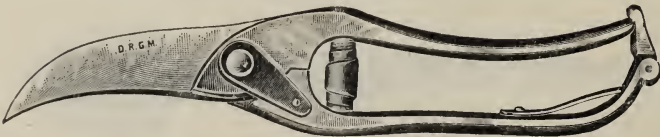
No. 2E Pruning Knife, wood handle, easily fitting hand or pocket. Strong brass lining and large rivets..... 9 cm 1.75 10 cm 1.90 11 cm 2.00



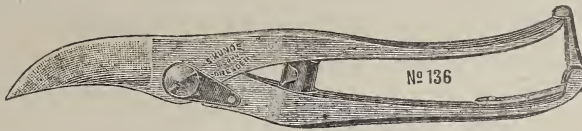
No. 53 M (3EA) Tree Knife. more curved and more powerful.
10 cm 2.60 11½ cm 2.85



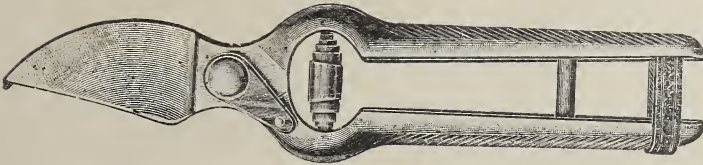
No. 60 Tree or Nursery Knife, strongest made. Fits the entire palm of hand. Blade closes completely..... 12½ cm 3.75



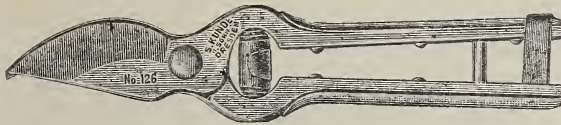
No. 135A Double Cut Pruning Shears, forged of best crucible steel.
19½ cm 4.25 22½ cm 4.75



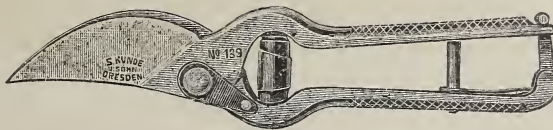
No. 136, similar to former with slender points. The shears for the plant propagator.
17 cm 5.50 20 cm 6.00 23 cm 6.50



No. 124, Single edged Pruning Shears, much in demand for all around work, security plate for nut and leather closure..... 18 cm 1.85 20 cm 2.00 23 cm 2.25



No. 126, Heavy frame, similar to No. 124 with boxwood coverings, security plate and leather closure. A good shear for winter work..... 20 cm 2.25 23 cm 2.50



No. 139, Drawing cut, light in weight. Easy latch. Very popular and efficient.
16 cm 2.00 21 cm 2.50 23 cm 2.75



No. 123, Kunde Light Pruning Shears, for greenhouse work and cutting flowers. 7 inches, solid forged steel, natural finish..... \$1.25 ea.



No. C. 4, Wiss Thinning Shears for picking flowers, thinning cut fruits and general use. 7½ inches 1.35 ea.



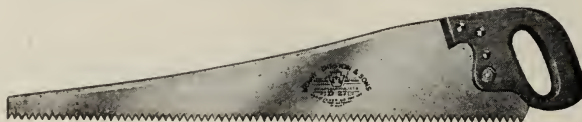
No. 9, Disston Tree Pruner. Peculiar formation of the hook gives the 4 inch blade a shearing cut with great leverage. 30 inch all steel handles..... 4.00 ea.



No. 165, Orchard Pruning Saw, 14 inch blade..... 1.10 ea.



No. 32, Forester Jr. A fine saw for tree work. 20 inch blade, hornless handle and "Champion" teeth as shown..... 2.25 ea.
Extra Handles..... .60 ea.



No. D27, Tree Surgeon. Our largest seller, preferred by tree surgeons. Stiff narrow blade, 26 inches long, 5 teeth to the inch..... 3.75 ea.
Extra handles..... .60 ea.

